

The Ultimate Education Destination



TECH EVENTS WITH PERSPECTIVE

ORLANDO 2023

NOVEMBER 12 - 17, 2023

**ROYAL PACIFIC RESORT AT UNIVERSAL
ORLANDO, FL**

Visual Studio **LIVE!**
EXPERT SOLUTIONS FOR ENTERPRISE DEVELOPERS

SQL Server **LIVE!**
TRAINING FOR DBAs AND IT PROS

TECHMENTOR
IN-DEPTH TRAINING FOR IT PROS

Artificial Intelligence **LIVE!**
AI FOR DEVELOPERS AND DATA SCIENTISTS

Cloud & Containers **LIVE!**
CLOUD-NATIVE, PAAS & SERVERLESS COMPUTING

Cybersecurity & Ransomware **LIVE!**
DEFENDING AGAINST RANSOMWARE AND OTHER ATTACKS

HANDS-ON LABS



Join us for full-day,
pre-conference hands-on
labs Sunday, November 12.

STAY CONNECTED WITH LIVE! 360
ON OUR SOCIAL NETWORKS



@live360events
#live360



Search
"Live 360"



Join the
"Live! 360" group

EVENT PARTNER



PLATINUM SPONSORS



ENOW



Particular
Software



Wisej.NET

GOLD SPONSORS



Progress



SILVER SPONSORS



VONAGE
Part of Ericsson



PRODUCED BY



CONVERGE 360
An ILOS MEDIA company

REGISTER NOW AT
LIVE360EVENTS.COM/
ORLANDO



CONTENTS

- 3** What is Live! 360?
- 4** Reasons to Attend Live! 360
- 5** Events & Activities
- 6** Keynotes & Events
- 10** Panel Discussions
- 13** Live! 360 Master Agenda
- 14** Visual Studio Live!
 - 15 Agenda At-A-Glance
 - 18 Session Descriptions by Track
 - 28 Advisory Board & Conference Speakers
- 29** SQL Server Live!
 - 30 Agenda At-A-Glance
 - 33 Session Descriptions by Track
 - 38 Advisory Board & Conference Speakers
- 39** TechMentor
 - 40 Agenda At-A-Glance
 - 43 Session Descriptions by Track
 - 50 Advisory Board & Conference Speakers
- 50** Artificial Intelligence Live!
 - 51 Agenda At-A-Glance
 - 54 Session Descriptions by Track
 - 58 Advisory Board & Conference Speakers
- 59** Cloud & Containers Live!
 - 60 Agenda At-A-Glance
 - 63 Session Descriptions by Track
 - 66 Advisory Board & Conference Speakers
- 67** Cybersecurity & Ransomware Live!
 - 68 Agenda At-A-Glance
 - 71 Session Descriptions by Track
 - 76 Advisory Board & Conference Speakers
- 78** Sponsors & Exhibitors
- 82** Conference Venue, Hotel Deals & Travel
- 84** Registration Packages





WHAT IS LIVE! 360?



The Ultimate Education Destination **6 Great Events, 1 Low Price!**

Live! 360 brings the IT, Developer, Data, and Cybersecurity communities together for real-world, practical information and training on a wide range of Microsoft and other products, technologies, and solutions. Plus, Live! 360 brings 6 co-located conferences together, featuring expert education, training, knowledge transfer, and networking, enabling you to create your own custom conference choosing from over 170+ sessions and 16 hands-on labs and in-depth workshops to best suit your needs.

Whether you are a developer, IT Pro, DBA, security specialist, or a Data Scientist, on a large team or a team of 2, Live! 360 is crafted for (almost) every IT title, experience level, and team size!

Choose the ultimate education destination: Live! 360.

Attendees of any of the Live! 360 events will have unlimited access to all six co-located conferences — mix and match sessions to create a custom conference!

Visual Studio **LIVE!** EXPERT SOLUTIONS FOR ENTERPRISE DEVELOPERS

Visual Studio Live! features unbiased and practical development training on the Microsoft Platform. Come join us and code in paradise!

SQL Server **LIVE!** TRAINING FOR DBAs AND IT PROS

SQL Server Live! will leave you with the skills needed to drive your data to succeed, whether you are a DBA, developer, IT Pro, or Analyst.

TECHMENTOR IN-DEPTH TRAINING FOR IT PROS

TechMentor is where IT training meets sunshine, with zero marketing speak on topics you need training on now, and solid coverage on what's around the corner.

Artificial Intelligence **LIVE!** AI FOR DEVELOPERS AND DATA SCIENTISTS

Artificial Intelligence Live! is an innovative conference for current and aspiring developers, data scientists, and data engineers covering generative artificial intelligence (AI), large language models (LLMs), machine learning, data science, IoT, bots, and more from Microsoft, OpenAI, and others.

Cloud & Containers **LIVE!** CLOUD-NATIVE, PAAS & SERVERLESS COMPUTING

Cloud & Containers Live! has the content you need to understand and leverage Kubernetes, Docker, Azure, AWS, and other cloud-native technologies. Whether you are looking for IT infrastructure, software development, or DevOps information, this conference is for you.

NEW! Cybersecurity & Ransomware **LIVE!** DEFENDING AGAINST RANSOMWARE AND OTHER ATTACKS

Cybersecurity & Ransomware Live! will bring together some of the best content and speakers on Cybersecurity worldwide to help guide attendees in Architecture/Design, Deployment, Operationalization, and Certification.



Top Reasons REASONS TO ATTEND LIVE! 360 2023



FULL DAY HANDS-ON TRAINING!

Sunday Pre-Conference Full-Day Hands-On Labs are back this year to add another full day of learning with 8 options to choose from. Bring your laptop and learn by doing. (Additional fees apply, see [pricing page](#) for details).

CONTENT FOR (ALMOST) EVERY IT TITLE!

Live! 360 is proud to bring together these six co-located conferences to offer Hands-On Labs, Workshops, Keynotes, Panel Discussions and sessions for almost every IT title.

MAKE THE CONFERENCE YOUR OWN.

Mix and match sessions and workshops from any of the six events to best serve your needs. Because of the convenient co-location, there will be even more opportunities to access 170+ sessions, 80+ speakers, and a robust exhibit floor — all enhancing your event experience.

SPEND QUALITY TIME WITH PEERS FROM AROUND THE WORLD.

Incorporating knowledge transfer, networking and leading-edge training into six intense days, these conferences will get you up-to-date on current technologies with a look to the future, while giving you the opportunity to network with fellow tech pros from points around the globe!

IT'S CALLED LIVE! 360 FOR A REASON.

Not only do we cover a full circle of technologies, but we feature both unbiased industry experts and Microsoft insiders, so you'll hear every side of the story on the most recent software and industry updates.



CHOOSE YOUR SESSIONS BY JOB ROLE.

These forward-thinking and educational events are geared toward 8 general job roles: Agile, Data Professionals, DevOps, Developers, IT Leadership, IT Pros, Security Professionals, Database Admins. Whether you are a developer who uses Visual Studio or a team lead in charge of implementing Agile, or an IT Pro who is looking to improve your technical skills, or a SQL Server DBA looking to maintain, tune and consolidate, the agendas are crafted for (almost) every IT title.

6 GREAT CONFERENCES; 1 LOW PRICE!

Attend any one of the Live! 360 events and you'll have unlimited access to all six events — and it's all included in one low price!

THE ULTIMATE EDUCATION DESTINATION.

Located at the beautiful (and attendee favorite) Royal Pacific Resort at Universal Orlando, the setting and time of year are perfect for bringing the family along to enjoy all that Orlando has to offer.



THE FUN STUFF: LIVE! 360 ORLANDO EVENTS & ACTIVITIES

YOUR ATTENDANCE AT LIVE! 360 is about learning from your peers as well as the experts; make the most of your time with us and add these events and activities to your itinerary!

MIX & MINGLE @ LIVE360

Monday, November 13, 6:30 – 8:00pm

Hard Rock Cafe at Universal CityWalk

This is your opportunity to meet fellow attendees and start friendships that can last for the week or even longer. Join us on the outdoor upstairs Patio at the Hard Rock Café Citywalk to mix and mingle with other conference attendees and speakers for a casual no-host mixer. Enjoy light appetizers provided by Live! 360 while you get to know your fellow attendees and take in the exciting CityWalk views. Everyone is responsible for their own beverages.

EXHIBITOR WELCOME RECEPTION & LIVE! 360 PLINKO!

Tuesday, November 14, 5:30 – 7:00pm

Expo Hall

Enjoy drinks and snacks while you explore the Live! 360 exhibits and network with fellow attendees and speakers. This is your chance to check out the latest offerings from our exhibitors to help you in daily life when you return to the office.

Returning Again @ Live! 360 – Live! 360 Plinko! Come on down and experience the thrill of Live! 360 Plinko! Win the chance to drop a chip down the Plinko board and see how much cash you can win. All attendees who complete their expo raffle card (getting it stamped by all vendors) during the exhibitor reception and turn it in at the Plinko table before 6:45pm will be entered into a drawing to play. Six

(6) attendees will be chosen at random to try their luck at Plinko during the reception (stay until the end or you might miss your chance to play)!

WEDNESDAY TABLE TOPIC LUNCH

Wednesday, November 15, 12:30 – 1:30pm

Join other attendees at lunch to share ideas, talk about the issues of the day, and maybe solve a few. While you enjoy lunch, you can find and connect with other like-minded people at tables designated for certain languages, technologies, and interests.

We will also have designated speaker tables - noted with the speakers' name. Join your favorite speaker for a lunchtime discussion or to follow up on any questions from a session.

LIVE! 360 DESSERT LUAU

Wednesday, November 15, 7:30 – 9:00pm

Come celebrate the South Pacific with delectable desserts, drinks and fabulous entertainment! Mingle with fellow attendees and speakers while enjoying the warm Florida winter weather. Settle down under the stars to enjoy a delicious dessert, cocktails, and an authentic Polynesian performance including dancers and fire throwers. Don't forget to try the specialty Live! 360 cocktail or your favorite Island libation. Families are welcome to join the fun.





LIVE! 360 KEYNOTES & EVENTS

GET THE LOWDOWN ON CURRENT MICROSOFT STRATEGY, keep up with where technology is going, and hear different viewpoints on hot topics. Strengthen your career and sharpen your mind with awesome “insider” keynotes, and panel discussions.

LIVE! 360 TUESDAY KEYNOTE: **Find the Right Copilot for Your Team**

Tuesday, November 14, 11:00am – 12:00pm



Brian Randell
Product Marketing Director, GitHub

From the release of GitHub Copilot to the larger family of technologies being shipped by Microsoft and GitHub, AI is permeating the tools we all use day to day. Whether you’re an IT Professional, Developer, DBA, or manager, you can’t escape. But do you want to? In this keynote, Brian will cover the current state of the art and talk about how Microsoft and GitHub plan to bring responsible AI to your fingertips to help you and your organization be more productive and deliver more value.

LIVE! 360 WEDNESDAY KEYNOTE: **Defining Your Future with AI - Become an AI Leader in Your Organization**

Wednesday, November 15, 11:30am – 12:30pm



Rajeev Kapur
CEO & Chief AI Officer, 1105 Media, Inc.

Join CEO and Chief AI Officer Rajeev Kapur for this transformative exploration of the role that tech professionals will play in shaping the future of their businesses through artificial intelligence.

As we stand at the precipice of the AI revolution, the opportunity and responsibility are both thrilling and daunting. In this keynote address, Rajeev will share insights into the transformative power of generative AI and underscore the pivotal role that you, technology leaders in your organizations, will play in navigating this landscape.

AI - More Than Just a Trend: We’ll cut through the noise and examine AI’s authentic role in spearheading innovation, bolstering efficiency, and fueling growth in modern business.

Technology Professionals - Navigators of Change: Recognizing developers, IT pros, Data pros, and Security specialists as the strategic visionaries of our time, charting the course of the future with AI as their compass.

Navigating the AI Implementation Journey: A roadmap to making AI work for your organization, transforming abstract data into pragmatic, strategic initiatives.

Instituting an AI-First Culture: Insights on helping your organization build an ecosystem that fosters AI-adaptability, empowers employees and contributes to continuous learning and growth.

By the end of this keynote, you’ll have gained a secure sense of your place in the coming AI wave, an understanding of the opportunities ahead for tech professionals, and the tools to seize them. We’re not just discussing AI technology; we’re engaging in a dialogue about your integral role in this technological transformation. Rajeev will also answer your most pressing questions about the coming AI wave. The enterprise’s future is in your hands -- let’s mold it together.



CONFERENCE KEYNOTES



VISUAL STUDIO LIVE! KEYNOTE

Lies Developers Tell Themselves

Tuesday, November 14, 8:00am – 9:00am



Billy Hollis

Developer. Designer. Speaker. Author.

All humans sometimes deceive themselves, and developers are no exception. From “I can get this done in a week” to “My job is to write code”, developers often convince themselves of things that are only partially true - or even outright ridiculous.

These seductive-but-false notions raise stress, reduce quality, and sometimes hamper developer careers. In this session, developer/designer/architect Billy Hollis will bring out his top ten uncomfortable truths about software development, with some humor to make them easier to hear. Come and see how many apply to you and your team.



SQL SERVER LIVE! & ARTIFICIAL INTELLIGENCE LIVE! KEYNOTE

The Age of AI for the Data Professional

Tuesday, November 14, 8:00am – 9:00am



Buck Woody

*Applied Data Scientist,
Azure Data Services Team,
Microsoft*

Artificial Intelligence is currently at the frontier of new and emerging technologies. We hear terms such as AI, ML, DL, ANN's, LLM's, GPT and more every day — what does it all mean, and what are the impacts on your company's future and on the Data Professional's career? Buck Woody, an Applied Data Scientist from Microsoft will explain the history, technology and use of AI and its connection and dependencies on data. You'll get an up-to-date overview of the AI landscape, and learn what you need to focus on in the Data Technology field.

CONFERENCE KEYNOTES *(continued)*



TECHMENTOR KEYNOTE

The Digital Transformation Journey - Embracing Innovation and Agility with Microsoft Technologies

Tuesday, November 14, 8:00am – 9:00am



Stephen Rose
IT Pro Consultant

Since Jan 2023, over 100k IT pros and developer worldwide lost their jobs due to an uncertain economy. In that wake, companies are focusing in on two key areas to drive revenue and success. Move from a synchronous to asynchronous work style (i.e.: Less email, more chat), reduce duplicative software while working to better understand and leverage the software they already own.

In this session we will look at real world examples of two companies who saved a combined 1b a year through teaching them how to work asynchronously, automate tasks, leverage AI, and improve their user's work/life balance.



CLOUD & CONTAINERS LIVE! KEYNOTE

Beyond Cloud Hype: Enabling Success & Avoiding Failure

Tuesday, November 14, 8:00am – 9:00am



Eric D. Boyd
Founder and CEO of responsiveX

In the dynamic, but maturing landscape of the cloud, finding the optimal path to extract maximum value remains a challenge. It's a journey that defies one-size-fits-all solutions, and the last thing anyone needs is to exchange familiar hurdles for unforeseen obstacles.

Join us on an educational journey led by Microsoft Azure MVP and responsiveX Founder & CEO, Eric D. Boyd. With firsthand experiences and a wealth of insights, Eric will unveil approaches that empower you to unlock the full potential of the cloud. Through real-world stories of triumphs and setbacks, you'll gain invaluable techniques to avert potential disasters.

Discover the very strategies employed by Eric and his team in guiding customers towards resounding success. From adoption guidance to cutting-edge DevSecOps practices, from architecting and developing cloud-native applications to effective cost management strategies - gain insights into the nuanced decisions and trade-offs that underpin every step of the journey.

Embark on this transformative voyage and equip yourself with the knowledge to make the cloud work for you like never before.



CONFERENCE KEYNOTES *(continued)*

Cybersecurity & Ransomware **LIVE!**

DEFENDING AGAINST RANSOMWARE AND OTHER ATTACKS

CYBERSECURITY & RANSOMWARE LIVE! KEYNOTE

Ransomware Unmasked - Strategies for Prevention, Detection, and Recovery in a Hyperconnected World

Tuesday, November 14, 8:00am – 9:00am



Sami Laiho
*Chief Research Officer,
Adminize*

In this compelling keynote, renowned cybersecurity expert Sami Laiho will take a deep dive into the world of ransomware, shedding light on the latest trends, tactics, and techniques employed by cybercriminals. He will discuss the devastating consequences ransomware attacks can have on organizations of all sizes and share invaluable insights on how businesses can build robust defenses to protect themselves from this ever-evolving threat.

Drawing on his extensive experience in the field, Sami will outline a comprehensive approach to ransomware prevention, detection, and recovery, emphasizing the importance of a multi-layered security strategy. Attendees will learn about cutting-edge tools and methodologies for strengthening their cybersecurity posture, as well as best practices for managing the aftermath of a ransomware attack. By the end of the session, participants will be equipped with the knowledge and strategies necessary to safeguard their organizations in today's high-stakes cyber landscape.



PANEL DISCUSSIONS

GET THE FULL 360 DEGREE PERSPECTIVE and hear different viewpoints on hot topics. Strengthen your career and sharpen your mind with these expert panel discussions.



VISUAL STUDIO LIVE! PANEL DISCUSSION:

Effectively Advocating for Yourself in a Vacillating Job Market

Thursday, November 16, 11:00am – 12:00pm



Angela Dugan (moderator)
Strategic Business
Consultant & Agility Coach



Ted Neward
Principal,
Neward & Associates



Benjamin Day
Author, Trainer, Developer



Layla Porter
Developer Advocate, VMware



Billy Hollis
Developer. Designer. Speaker.
Author.

In the past 12 months, we've seen the software industry go from a buyers' market to a sellers' market. Where just 18 months ago technologists could demand record high salaries and negotiate benefits like never before, it began feeling like every company large and small was laying off some of their most experienced employees. Everyone began feeling anxiety and pressure, no one felt safe anymore.

Where we will be at the end of 2023 is anyone's guess, but does that mean we have to keep compromising away what is important to us or accept less than we need from our current leaders or potential employers? In this panel discussion, we'll talk about how to navigate uncertain times without capitulating, and how to remain informed and empowered even when the deck might feel stacked against us.



SQL SERVER LIVE! PANEL DISCUSSION:

AI/ChatGPT and How it will Affect Data and Databases

Thursday, November 16, 11:00am – 12:00pm



Thomas LaRock [moderator]
Head Geek, SolarWinds



Karen Lopez
Data Evangelist, Space
Enthusiast, & NASA Datanaut



Allan Hirt
Founder and Managing
Partner, SQLHA, LLC



Stacia Varga
Consultant, Educator,
and Author

With the sudden popularity of tools such as ChatGPT and Copilot, our panel looks to discuss the impact of these tools on data, databases, and data analytics. Join us for a lively discussion about the future of AI and what you need to know to help ensure the quality and security of your data.

PANEL DISCUSSIONS *(continued)*



TECHMENTOR PANEL DISCUSSION:

Operationalizing the Cloud - Strategies and Best Practices for Seamless Cloud Integration in Your Organization

Thursday, November 16, 11:00am – 12:00pm



Dave Kawula [moderator]
Principal Consultant,
TriCon Elite Consulting



Michael Niehaus
Principal R&D Engineer,
Tanium



Émile Cabot
Principal Consultant,
TriCon Elite Consulting



Jan Ketil Skanke
MVP Enterprise Mobility, MVP
Security, Partner, CloudWay

Join this panel discussion for a comprehensive exploration of effective approaches and best practices for integrating cloud solutions into organizational operations. During this engaging hour, industry experts and thought leaders will share their insights and experiences, providing valuable guidance on how to navigate the complexities of cloud adoption and leverage its potential for business success. Key topics of discussion will include cloud migration strategies, optimizing cloud operations, and ensuring security and compliance in the cloud environment.

You will learn:

- Insights into different cloud migration strategies and understand how to choose the most suitable approach for your organization
- Best practices for optimizing cloud operations, including cost management, performance optimization, and scalability
- The importance of security and compliance in the cloud environment and learn effective strategies for ensuring data protection and regulatory adherence



ARTIFICIAL INTELLIGENCE LIVE! PANEL DISCUSSION:

Does AI Threaten Techies, or Does it Change the Tech Skill Premise?

Thursday, November 16, 11:00am – 12:00pm



Andrew Brust [moderator]
CEO and Founder,
Blue Badge Insights



Kevin Feasel
Proprietor @ Catalaxy
Services, LLC



Andreas Erben
CTO, MR | Applied AI,
daenet



Veronika Kolesnikova
Senior Software Engineer

The dawn of generative AI has brought with it lots of hype and hand-wringing over the threat it poses to people's jobs, including those of developers and other technologists. If a major facet of AI is automation, then jobs involving repetitive tasks, even ones that are creative, seem in danger.

But maybe the central question isn't whether technical jobs will become obsolete, and instead how developers and other IT professionals can leverage their technical prowess in a world that seems to be getting less technical. All good platforms provide opportunities to innovate for those who build on top of them. Is the skill set for these future innovations one that leverages natural language? Visual design? Declarative vs. imperative programming? Wrangling the data used for training generative AI models?

This discussion will tackle these questions and more.

Join us to hear our expert panelists share their opinions, answer your questions and hear your thoughts, too.



PANEL DISCUSSIONS *(continued)*

Cloud & Containers **LIVE!** CLOUD-NATIVE, PAAS & SERVERLESS COMPUTING

CLOUD & CONTAINERS LIVE! PANEL DISCUSSION:

Past the Hype: Past the Hype: Cloud in the Mainstream

Thursday, November 16, 11:00am – 12:00pm



Rockford Lhotka [moderator]
VP of Strategy, Xpirit USA



Chris Ayers
Sr. Customer Engineer,
Microsoft



Mike Benkovich
Developer, Business Owner,
Consultant, Cloud Architect,
Microsoft Azure MVP and an
Online Instructor



Eric D. Boyd
Founder and CEO,
responsiveX



Esteban Garcia
CEO - US, Xebia | Xpirit

“The cloud” has now been around well over a decade. Over that time the hype, our hopes, and reality have slowly converged to the point that today many organizations have a good understanding of what they can realistically expect to gain by using a public, private, or hybrid cloud. Many solutions have been achieved through lift-and-shift, others by adapting existing software to the cloud, and the most successful involve building true cloud-native solutions.

Cloud is part of daily life in most organizations today. While a lot of innovation and change continues, cloud has largely moved beyond the hype and is now a basic part of IT infrastructure and application development. What does this mean for us as professionals? Will we see solutions to existing pain points and complexity, or are we resigned to live with what we have? Where is innovation taking the cloud?

Join our panel of experts as we discuss these and other questions about the state of the cloud today and tomorrow.

Cybersecurity & Ransomware **LIVE!** DEFENDING AGAINST RANSOMWARE AND OTHER ATTACKS

CYBERSECURITY & RANSOMWARE LIVE! PANEL DISCUSSION:

Defending Ransomware in 2023 and Beyond

Thursday, November 16, 11:00am – 12:00pm



Sami Laiho [moderator]
Chief Research Officer,
Adminize



Maarten Goet
Microsoft MVP & RD



Dwayne McDaniel
Developer Advocate,
GitGuardian



Nestori Syynimaa
Senior Principal Security
Researcher, Secureworks

Join us for an engaging Cybersecurity & Ransomware Live! Panel Discussion on “Defending Ransomware in 2023 and Beyond,” where cybersecurity experts will share their insights and strategies to effectively defend against ransomware attacks in the evolving threat landscape. This interactive session will explore the latest trends in ransomware attacks, emerging threat vectors, and proactive defense measures. Participants will have the opportunity to hear real-world experiences, ask questions, and gain practical knowledge to bolster their organization’s defenses. Key topics covered include threat intelligence, incident response, and future-proofing cybersecurity strategies. By the end of this session, attendees will be equipped with valuable insights and actionable strategies to mitigate ransomware risks and protect their organizations.

You will learn:

- Insights into the current landscape of ransomware attacks and the tactics used by threat actors
- The importance of threat intelligence in detecting and responding to ransomware incidents effectively
- Strategies and best practices for incident response and future-proofing cybersecurity defenses against evolving ransomware threats



Modern Software Engineering		Database Development		Developing New Experiences		Human Factors in Engineering		The Core of .NET		Full Stack Web Development	
START TIME	END TIME	Visual Studio Live! Pre-Conference Hands-On Labs: Sunday, November 12, 2023									
7:00 AM	9:00 AM	Registration - Coffee and Morning Pastries									
9:00 AM	6:00 PM	VSHOLO1 Hands-On Lab: Build an ASP.NET Core Razor Pages App with EF Core in a Day - Philip Japise				VSHOLO2 Hands-On Lab: Code to Cloud with GitHub and Azure - Marcel de Vries, Roy Cornelissen, & René van Osnabrugge				VSHOLO3 Hands-On Lab: Asynchronous and Parallel Programming in C# - Jeremy Clark	
2:00 PM	7:00 PM	Pre-Conference Registration - Royal Pacific Resort Conference Center									
START TIME	END TIME	Visual Studio Live! Pre-Conference Workshops: Monday, November 13, 2023									
7:00 AM	8:30 AM	Registration - Coffee and Morning Pastries									
8:30 AM	5:30 PM	VSM01 Workshop: Blazor Top to Bottom - Jason Buck, Allen Conway, & Rockford Lhotka				VSM02 Workshop: Ship Faster, More Securely with Azure PaS and GitHub Enterprise Cloud - Brian Randell & Mickey Gausser				VSM03 Workshop: Mastering Human Factors - Benjamin Day & Angelo Dugan	
6:30 PM	8:00 PM	Mix & Mingle @ Hard Rock Café Universal CityWalk									
START TIME	END TIME	Visual Studio Live! Day 1: Tuesday, November 14, 2023									
7:00 AM	8:00 AM	Registration - Coffee and Morning Pastries									
8:00 AM	9:00 AM	VISUAL STUDIO LIVE! KEYNOTE: Lies Developers Tell Themselves - Billy Hollis, Developer, Designer, Speaker, Author									
9:15 AM	10:30 AM	VST01 Introduction to Blazor - Rockford Lhotka			VST02 State of Mobile Development - Sam Basu			VST03 Cloud Acceleration: From Windows Desktop to native Web Applications - Levee Rutenoch			VST04 What's New in Modern .NET Library APIs - Jason Buck
10:30 AM	11:00 AM	Networking Break - Visit the EXPO Lounge - Pacifica 7									
11:00 AM	12:00 PM	LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team - Brian Randell, Product Marketing Director, GitHub									
12:00 PM	12:45 PM	Lunch - Oceana Ballroom - Visit the EXPO Lounge - Pacifica 7									
12:45 PM	1:30 PM	Dessert Break - Visit the EXPO Lounge - Pacifica 7									
1:30 PM	1:50 PM	VST05 Fast Focus: Hybrid Web Frameworks - Allen Conway			VST06 Fast Focus: What's new in EF Core - Jim Woolley			VST07 Fast Focus: Supercharged Feedback Techniques in 20 Minutes - Angelo Dugan			
2:00 PM	2:20 PM	VST08 Fast Focus: Fast Focus on API Versioning - Philip Japise			VST09 Fast Focus: Getting Polyglot Notebooks - Jason Buck			VST10 Fast Focus: GitHub CLI - Mickey Gausser			
2:20 PM	2:45 PM	Networking Break - Visit the EXPO Lounge - Pacifica 7									
2:45 PM	4:00 PM	VST11 Getting Up and Running with Modern Angular - Allen Conway			VST12 Blazor on Desktop: PWA, Electron or .NET MAUI - Sam Basu			VST13 Be More Productive with Using GitHub Copilot and GitHub Codespaces Today and GitHub Copilot X in the Future - Brian Randell			VST14 Culture Club: Building a Strong Engineering Culture from the Ground Up - René van Osnabrugge
4:15 PM	5:30 PM	VST15 Building a Progressive Web App (PWA) using Angular - Allen Conway			VST16 Coding 4 Fun: 8-bit Game Emulation in .NET - Alex Thissen			VST17 From One Release Per Quarter to 30 Times a Day - Marcel de Vries			VST18 Mind Matters: The Importance of Cultivating a DevOps Mindset - Roy Cornelissen & René van Osnabrugge
5:30 PM	7:00 PM	Exhibitor Welcome Reception - Pacifica 7									
START TIME	END TIME	Visual Studio Live! Day 2: Wednesday, November 15, 2023									
7:30 AM	8:00 AM	Registration - Coffee and Morning Pastries									
8:00 AM	9:15 AM	VSW01 Websites with ASP.NET Core Razor Pages - Philip Japise			VSW02 The Microsoft Metaverse - Mesh and More, What's Going On? - Andreas Eden			VSW03 Introduction to Azure Cosmos DB - Leonard Label			VSW04 Writing Maintainable Test Automation - Marcel de Vries
9:30 AM	10:45 AM	VSW05 Azure Static Web Apps: Quickly Deploy Your Web App with Scale and Security - John Papa			VSW06 Aloha .NET MAUI: Extending Apps to Mobile and Desktop with Blazor Hybrid - Shaun Walker			VSW07 The Worst RESTful API Design Ever - Simon Timms			VSW08 The Not-so-SOLID Principles of Software Development - Chris Klug
10:45 AM	11:30 AM	Networking Break - Visit the EXPO Lounge - Pacifica 7									
11:30 AM	12:30 PM	LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization - Rajeev Kapur, CEO & Chief AI Officer, IIOS Media, Inc.									
12:30 PM	1:30 PM	Table Topics Lunch - Oceana Ballroom									
1:30 PM	2:00 PM	Dessert Break - Visit the EXPO Lounge - Pacifica 7									
2:00 PM	3:15 PM	VSW09 Caching in ASP.NET 7 Web API - Chris Woodruff			VSW10 Improving Legacy Applications with UX Design - Billy Hollis			VSW11 Go (con)figure - Making Sense of the .NET Configuration System - Alex Thissen			VSW12 DevOps is Dead, Long Live DevOps! - Brian Randell
3:15 PM	4:00 PM	Networking Break - Visit the EXPO Lounge - Expo Raffle @ 3:30 p.m. - Pacifica 7									
4:00 PM	5:15 PM	VSW13 ASP.NET Core Beyond the Basics - Chris Klug			VSW14 Busy Developer's Guide to Flutter - Ted Neward			VSW15 Busting .NET Myths - Jason Buck			VSW16 I Love YAML: Using Azure DevOps to Build and Release to Azure - Benjamin Day
7:30 PM	9:00 PM	Level 360 Dessert Luau - Wautilan Pavilion									
START TIME	END TIME	Visual Studio Live! Day 3: Thursday, November 16, 2023									
7:30 AM	8:00 AM	Registration - Coffee and Morning Pastries									
8:00 AM	9:15 AM	VSTH01 ASP.NET Basics for Experts - Lloya Porter			VSTH02 Scrum Trek: The Next Generation - Warp Speed with Flow Metrics - Benjamin Day			VSTH03 C# Past, Present, and Beyond - Jim Woolley			VSTH04 Introducing the MongoDB Provider for Entity Framework Core - Jordan Smith
9:30 AM	10:45 AM	VSTH05 WebAssembly: The 4th Official Language of the Web - Shaun Walker			VSTH06 Mapping the Path to Value: The Missing Piece of Your Agile DevOps Transition - Heidi Argo			VSTH07 DI Why? Getting a Grip on Dependency Injection - Jeremy Clark			VSTH08 Designing Data Visualization in Business Apps - Billy Hollis
11:00 AM	12:00 PM	VISUAL STUDIO LIVE! PANEL DISCUSSION: Effectively Advocating for Yourself in a Volatile Job Market - Angelo Dugan (moderator), Benjamin Day, Billy Hollis, Ted Neward, & Lloya Porter									
12:00 PM	1:00 PM	Level 360 DJ Lunch									
1:00 PM	2:15 PM	VSTH09 Building Cloud-ready Applications in .NET - Lloya Porter			VSTH10 Busy Manager's Guide to Performance Management - Ted Neward			VSTH11 Improving Code Quality with Static Analyzers - Jim Woolley			VSTH12 Are You Writing Readable Code? - John Papa
2:30 PM	3:45 PM	VSTH13 Bringing Hypermedia to ASP.NET 7 Web API - Chris Woodruff			VSTH14 Measuring Up How To Choose Agile Metrics Your Team Won't Hate - Angelo Dugan			VSTH15 LINO - It's Not Just for Databases - Jeremy Clark			VSTH16 Busy Architect's Guide to the Fallacies of Enterprise Systems - Ted Neward
4:00 PM	5:00 PM	Next? Level 360 Networking Event									
START TIME	END TIME	Visual Studio Live! Post-Conference Workshops: Friday, November 17, 2023									
7:30 AM	8:00 AM	Registration - Coffee and Morning Pastries									
8:00 AM	5:00 PM	VSFO1 Workshop: Design Thinking for Software Development Teams - Billy Hollis					VSFO2 Workshop: How to Extend the Power Platform using Azure Services? - Vishwas Loh, Nick Gill, & Tom McKearney				

Business Intelligence, Data Warehouse and Data Lake		SQL Server Administration & Maintenance		SQL Server Features & Components		SQL Server for Developers		SQL Server Performance Tuning and Optimization	
SQL Server Live! Pre-Conference Hands-On Labs: Sunday, November 12, 2023									
Registration - Coffee and Morning Pastries									
SOHOL01 Hands-On Lab: Security, Privacy and Compliance in Azure Data Platform - Karen Lopez and Thomas LoRock									
Pre-Conference Registration - Royal Pacific Resort Conference Center									
SQL Server Live! Pre-Conference Workshops: Monday, November 13, 2023									
Registration - Coffee and Morning Pastries									
SOM01 Workshop: Full Day of Azure Modern Data Analytics - Bradley Ball, Josh Luedeman, Naveed Jhafer, Buck Woody					SOM02 Workshop: Developer Dive into SQL Server 2022 - Leonard Lobel & Andrew Brust				
Mix & Mingle @ Hard Rock Cafe Universal CityWalk									
SQL Server Live! Day 1: Tuesday, November 14, 2023									
Registration - Coffee and Morning Pastries									
SQL SERVER LIVE! KEYNOTE & ARTIFICIAL INTELLIGENCE LIVE! KEYNOTE: The Age of AI for the Data Professional Buck Woody, Applied Data Scientist, Azure Data Services Team, Microsoft									
SQT01 A Database Designers Favorite Security and Privacy Features in SQL Server/Azure DB - Karen Lopez					SQT02 Power BI Data Wrangling - Choosing the Best Feature for the Job - Angela Henry				
Networking Break - Visit the EXPO Lounge - Pacifica 7									
LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team Brian Randell, Product Marketing Director, GitHub									
Lunch - Oceana Ballroom - Visit the EXPO Lounge - Pacifica 7									
Dessert Break - Visit the EXPO Lounge - Pacifica 7									
SQT03 Fast Focus: Azure Synapse: Top Five Performance Killers - Amy Herold					SQT04 Fast Focus: Five Ways to Increase the Accessibility of Your Power BI Reports - Morgan Longoria				
SQT05 Fast Focus: Azure Arc-enabled SQL Server - Karen Lopez					SQT06 Fast Focus: Power BI Metrics: Managing KPIs and Scorecards for Yourself and Your Team - Andrew Brust				
Networking Break - Visit the EXPO Lounge - Pacifica 7									
SQT07 Introduction to Azure Purview - Bradley Ball and Naveed Jhafer					SQT08 Generative AI: Concepts, Tools, and Applications for Data Professionals - Buck Woody				
SQT09 Let's Make Azure SQL FASTER - Bradley Ball					SQT10 Getting Started with Governance for Your Power BI Estate - Angela Henry				
Exhibitor Welcome Reception - Pacifica 7									
SQL Server Live! Day 2: Wednesday, November 15, 2023									
Registration - Coffee and Morning Pastries									
SQW01 When It Makes Sense to Incorporate Dataflows and Data Flows in Power BI - Ginger Grant					SQW02 Database Design: SQL Server Datatypes - Thomas LoRock				
SQW03 Troubleshooting Synapse Dedicated SQL Pools and Microsoft Fabric Data Warehouses - Steve Wright					SQW04 SQL Server 2022 and the Wheel of Power - Kendal Van Dyke and Abdullahi Mamun				
Networking Break - Visit the EXPO Lounge - Pacifica 7									
LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization Rajeev Kapur, CEO & Chief AI Officer, IIOS Media, Inc.									
Table Topics Lunch - Oceana Ballroom									
Dessert Break - Visit the EXPO Lounge - Pacifica 7									
SQW05 Azure Synapse vs Microsoft Fabric: Everything You Need to Know - Amy Herold					SQW06 Arc, Arc and Arc: De-mystifying Azure Arc for Data - Buck Woody				
Networking Break - Visit the EXPO Lounge - Expo Raffle @ 3:30 p.m. - Pacifica 7									
SQW07 DevOps in Power BI - Ginger Grant					SQW08 Intro to Databricks Unity Catalog for the SQL Server Developer - Morgan Longoria				
Level 360 Dessert Luau - Waialani Pavilion									
SQL Server Live! Day 3: Thursday, November 16, 2023									
Registration - Coffee and Morning Pastries									
SOTH01 Performance Tuning SQL Server using Wait Statistics - Thomas LoRock					SOTH02 Using REST APIs from within TSQL - Josh Luedeman				
SOTH03 Microsoft Fabric: Defragmenting the Analytics Stack - Andrew Brust					SOTH04 An Introduction to Azure SQL Edge: The Database Engine for the Internet of Things - Kendal Van Dyke				
SQL SERVER LIVE! PANEL DISCUSSION: AI/ChatGPT and How it Will Affect Data and Databases Thomas LoRock [moderator], Allan Hirt, Karen Lopez, & Stacia Varga									
Level 360 DJ Lunch									
SOTH05 Making the Leap from Reporting to Data Analysis - Stacia Varga					SOTH06 What's New with Azure Data Factory - Josh Luedeman				
SOTH07 Getting Your Story Straight with Data Visualizations - Stacia Varga					SOTH08 Modern Infrastructure Fundamentals for SQL Server - Allan Hirt				
Next? Level 360 Networking Event									
SQL Server Live! Post-Conference Workshops: Friday, November 17, 2023									
Registration - Coffee and Morning Pastries									
SQFO1 Workshop: Infrastructure as Code: DevSecOps for the SQL Server GUI DBA - Allan Hirt									

Client and Endpoint Management	PowerShell and DevOps	Infrastructure	Soft Skills for IT Pros	Security	Azure (Public/Hybrid)	Office 365 for the IT Pro
TechMentor Pre-Conference Hands-On Labs: Sunday, November 12, 2023						
Registration - Coffee and Morning Pastries						
TMHOL01 Hands-On Lab: PowerShell 101/102 - Beginner and Intermediate Concepts All IT Pro's Should Know - Jeff Hicks						
Pre-Conference Registration - Royal Pacific Resort Conference Center						
TechMentor Pre-Conference Workshops: Monday, November 13, 2023						
Registration - Coffee and Morning Pastries						
TMM01 Workshop: Get Away from GPO with Intune - Jan Kettl Skancke			TMM02 Workshop: How to Learn Azure, the AZ-900 and Beyond - Travis Roberts			
Mix & Mingle @ Hard Rock Café Universal CityWalk						
TechMentor Day 1: Tuesday, November 14, 2023						
Registration - Coffee and Morning Pastries						
TECHMENTOR KEYNOTE: The Digital Transformation Journey - Embracing Innovation and Agility with Microsoft Technologies Stephen L. Rose, IT Pro Consultant						
TMT01 Using ChatGPT as an IT Pro: Cool Tips and Infrastructure Prompts! - Emile Cabot		TMT02 Finding Needles - Better EventLog Management with PowerShell - Jeff Hicks		TMT03 Securing Identities in M365 - Jan Kettl Skancke		
Networking Break - Visit the EXPO Lounge - Pacifica 7						
LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team Brian Randall, Product Marketing Director, GitHub						
Lunch - Oceana Ballroom - Visit the EXPO Lounge - Pacifica 7						
Dessert Break - Visit the EXPO Lounge - Pacifica 7						
TMT04 Fast Focus: Troubleshooting Subscription Based Activation - Jürgen Nilsson				TMT05 Fast Focus: Best Tips on How to Become a Great Leader in a New Position - Omar Valerio		
TMT06 Fast Focus: Windows 11 Benefits for End Users - Pami Saukko				TMT07 Fast Focus: The Future of Education Using Microsoft Tools - Omar Valerio		
Networking Break - Visit the EXPO Lounge - Pacifica 7						
TMT08 Maximizing Productivity with Microsoft 365: Unlocking the Potential of Your Team - Stephen Rose		TMT09 Managing Active Directory with PowerShell - Jeff Hicks		TMT10 Intune Reporting - Kusto FTW - Jan Kettl Skancke		
TMT11 Building a More Threat Resistant Windows Client - Jürgen Nilsson & Stefan Schöring		TMT12 Administratively Customize Microsoft Teams to our Environment - Karinne Bessette		TMT13 Automate the Boring Stuff with Azure Automation - Travis Roberts		
Exhibitor Welcome Reception - Pacifica 7						
TechMentor Day 2: Wednesday, November 15, 2023						
Registration - Coffee and Morning Pastries						
TMM01 The Pros and Cons of Autopilot in the Field - Emile Cabot		TMM02 Step Into Azure Storage on Secure Footing - Karinne Bessette		TMM03 Microsoft Lists - Taking It to the Next Level - Stacy Deere-Stale		
TMM04 Hybrid Active Directory Attacks: Anatomy and Defenses - Derek Melber		TMM05 PowerShell Tools and Techniques - Basics for IT Pros, Not Devs - John O'Neill Sr.		TMM06 The Art of Log Collection - Navigating the Many Paths to Log Analytics - Jan Kettl Skancke		
Networking Break - Visit the EXPO Lounge - Pacifica 7						
LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization Raveesh Kapur, CEO & Chief AI Officer, IT05 Media, Inc.						
Table Topics Lunch - Oceana Ballroom						
Dessert Break - Visit the EXPO Lounge - Pacifica 7						
TMM07 The Future of Hybrid Work: Building a Resilient Workforce with Microsoft Tools - Stephen L. Rose		TMM08 Managing Your Risk of Vulnerabilities with MDE and a Proper Patching Strategy - Jürgen Nilsson & Stefan Schöring		TMM09 Present Like a Professional: 25 Years of Tips and Tricks - Derek Melber		
Networking Break - Visit the EXPO Lounge - Expo Raffle @ 3:30 p.m. - Pacifica 7						
TMM10 Getting Started with Azure Backup and Azure Site Recover - Travis Roberts		TMM11 Strengthening Conditional Access: Best Practices for Security in 2023 - Emile Cabot		TMM12 Tips & Tricks in M365 - Stacy Deere-Stale		
Live! 360 Dessert Luau - Wontlan Pavilion						
TechMentor Day 3: Thursday, November 16, 2023						
Registration - Coffee and Morning Pastries						
TMM01 How to Use PowerShell to Become a Windows and Cloud Management Superhero - 2023 Edition - Petri Pavola		TMM02 What is Intune Suite and Do You Need It? - Pami Saukko		TMM03 75 Life Hacks of Windows in 75 Minutes - Sami Lahti		
TMM04 Inside Windows Autopilot - Michael Niehaus		TMM05 Become a Better Presenter and Speaker with the Help of Microsoft 365 Apps - Heather Severino		TMM06 What is a Fabric and Why Do I Need It? - Dave Kowalla and Crista Kowalla		
TECHMENTOR PANEL DISCUSSION: Operationalizing the Cloud - Strategies and Best Practices for Seamless Cloud Integration in Your Organization Dave Kowalla (moderator), Emile Cabot, Michael Niehaus, & Jan Kettl Skancke						
Live! 360 DJ Lunch						
TMM07 What's New in Windows 11 - Michael Niehaus		TMM08 Plan and Communicate Together with Microsoft Loop, a New Collaborative Canvas - Heather Severino		TMM09 The Code You are Getting Online has Security Issues - Scott Norberg		
TMM10 Every PowerShell Script in the World is This Simple: Get -> Filter -> Foreach - Petri Pavola		TMM11 What's New in Windows Enterprise Application Management - Pami Saukko		TMM12 Protecting the Castle: Secure Foundations for and with Microsoft 365 - Michael Van Harenbeek		
Next? 360 Networking Event						
TechMentor Post-Conference Workshops: Friday, November 17, 2023						
Registration - Coffee and Morning Pastries						
TMM01 Workshop: Modern Management - Windows Autopilot and Intune Advanced Workshop - Petri Pavola						



Visual Studio® **LIVE!**

EXPERT SOLUTIONS FOR ENTERPRISE DEVELOPERS



AGENDA-AT-A-GLANCE


Modern Software Engineering		Database Development		Developing New Experiences		Human Factors in Engineering		The Core of .NET		Full Stack Web Development	
START TIME	END TIME	Visual Studio Live! Pre-Conference Hands-On Labs: Sunday, November 12, 2023									
7:00 AM	9:00 AM	Registration • Coffee and Morning Pastries									
9:00 AM	6:00 PM	VSHOL01 Hands-On Lab: Build an ASP.NET Core Razor Pages App with EF Core in a Day - Philip Japikse			VSHOL02 Hands-On Lab: Code to Cloud with GitHub and Azure - Marcel de Vries, Roy Cornelissen, & René van Osnabrugge			VSHOL03 Hands-On Lab: Asynchronous and Parallel Programming in C# - Jeremy Clark			
2:00 PM	7:00 PM	Pre-Conference Registration - Royal Pacific Resort Conference Center									
START TIME	END TIME	Visual Studio Live! Pre-Conference Workshops: Monday, November 13, 2023									
7:00 AM	8:30 AM	Registration • Coffee and Morning Pastries									
8:30 AM	5:30 PM	VSM01 Workshop: Blazor Top to Bottom - Jason Bock, Allen Conway, & Rockford Lhotka			VSM02 Workshop: Ship Faster, More Securely with Azure PaaS and GitHub Enterprise Cloud - Brian Randell & Mickey Gousset			VSM03 Workshop: Mastering Human Factors - Benjamin Day & Angela Dugan			
6:30 PM	8:00 PM	Mix & Mingle @ Hard Rock Café Universal CityWalk									
START TIME	END TIME	Visual Studio Live! Day 1: Tuesday, November 14, 2023									
7:00 AM	8:00 AM	Registration • Coffee and Morning Pastries									
8:00 AM	9:00 AM	VISUAL STUDIO LIVE! KEYNOTE: Lies Developers Tell Themselves Billy Hollis, Developer. Designer. Speaker. Author.									
9:15 AM	10:30 AM	VST01 Introduction to Blazor - Rockford Lhotka		VST02 State of Mobile Development - Sam Basu		VST03 Cloud Acceleration: From Windows Desktop to native Web Applications - Levie Rufenacht		VST04 What's New in Modern .NET Library APIs - Jason Bock			
10:30 AM	11:00 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7									
11:00 AM	12:00 PM	LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team Brian Randell, Product Marketing Director, GitHub									
12:00 PM	12:45 PM	Lunch - Oceana Ballroom • Visit the EXPO Lounge - Pacifica 7									
12:45 PM	1:30 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7									
1:30 PM	1:50 PM	VST05 Fast Focus: Hybrid Web Frameworks - Allen Conway			VST06 Fast Focus: What's new in EF Core - Jim Wooley			VST07 Fast Focus: Supercharged Feedback Techniques in 20 Minutes - Angela Dugan			
2:00 PM	2:20 PM	VST08 Fast Focus: Fast Focus on API Versioning - Philip Japikse			VST09 Fast Focus: Getting Polyglot Notebooks - Jason Bock			VST10 Fast Focus: GitHub CLI - Mickey Gousset			
2:20 PM	2:45 PM	Networking Break • Visit the EXPO Lounge - Pacifica 7									

Sessions and speakers subject to change.

 Microsoft Sessions



AGENDA-AT-A-GLANCE *(continued)*


Modern Software Engineering		Database Development		Developing New Experiences		Human Factors in Engineering		The Core of .NET		Full Stack Web Development			
START TIME	END TIME	Visual Studio Live! Day 1: Tuesday, November 14, 2023 <i>(Continued)</i>											
2:45 PM	4:00 PM	VST11 Getting Up and Running with Modern Angular - Allen Conway			VST12 Blazor on Desktop: PWA, Electron or .NET MAUI - Sam Basu			VST13 Be More Productive with Using GitHub Copilot and GitHub Codespaces Today and GitHub Copilot X in the Future - Brian Randell			VST14 Culture Club: Building a Strong Engineering Culture from the Ground Up - Rene van Osnabrugge		
4:15 PM	5:30 PM	VST15 Building a Progressive Web App (PWA) using Angular - Allen Conway			VST16 Coding 4 Fun: 8-bit Game Emulation in .NET - Alex Thissen			VST17 From One Release Per Quarter to 30 Times a Day - Marcel de Vries			VST18 Mind Matters: The Importance of Cultivating a DevOps Mindset - Roy Cornelissen & René van Osnabrugge		
5:30 PM	7:00 PM	Exhibitor Welcome Reception - Pacifica 7											
START TIME	END TIME	Visual Studio Live! Day 2: Wednesday, November 15, 2023											
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries											
8:00 AM	9:15 AM	VSW01 Websites with ASP.NET Core Razor Pages - Philip Japikse			VSW02 The Microsoft Metaverse - Mesh and More. What's Going On? - Andreas Erben			VSW03 Introduction to Azure Cosmos DB - Leonard Label			VSW04 Writing Maintainable Test Automation - Marcel de Vries		
9:30 AM	10:45 AM	VSW05  Azure Static Web Apps: Quickly Deploy Your Web App with Scale and Security - John Papa			VSW06 Aloha .NET MAUI! Extending Apps to Mobile and Desktop with Blazor Hybrid - Shaun Walker			VSW07 The Worst RESTful API Design Ever - Simon Timms			VSW08 The Not-so-SOLID Principles of Software Development - Chris Klug		
10:45 AM	11:30 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7											
11:30 AM	12:30 PM	LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization <i>Rajeev Kapur, CEO & Chief AI Officer, 1105 Media, Inc.</i>											
12:30 PM	1:30 PM	Table Topics Lunch - Oceana Ballroom											
1:30 PM	2:00 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7											
2:00 PM	3:15 PM	VSW09 Caching in ASP.NET 7 Web API - Chris Woodruff			VSW10 Improving Legacy Applications with UX Design - Billy Hollis			VSW11 Go (con)figure - Making Sense of the .NET Configuration System - Alex Thissen			VSW12 DevOps is Dead, Long Live DevOps! - Brian Randell		
3:15 PM	4:00 PM	Networking Break • Visit the EXPO Lounge • Expo Raffle @ 3:30 p.m. - Pacifica 7											
4:00 PM	5:15 PM	VSW13 ASP.NET Core Beyond the Basics - Chris Klug			VSW14 Busy Developer's Guide to Flutter - Ted Neward			VSW15 Busting .NET Myths - Jason Bock			VSW16 I Love YAML: Using Azure DevOps to Build and Release to Azure - Benjamin Day		
7:30 PM	9:00 PM	Live! 360 Dessert Luau - Wantilan Pavilion											

Sessions and speakers subject to change.

 Microsoft Sessions



AGENDA-AT-A-GLANCE *(continued)*

Modern Software Engineering		Database Development	Developing New Experiences	Human Factors in Engineering	The Core of .NET	Full Stack Web Development
START TIME	END TIME	Visual Studio Live! Day 3: Thursday, November 16, 2023				
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries				
8:00 AM	9:15 AM	VSTH01 ASP.NET Basics for Experts - Layla Porter	VSTH02 Scrum Trek: The Next Generation – Warp Speed with Flow Metrics - Benjamin Day	VSTH03 C# Past, Present, and Beyond - Jim Wooley	VSTH04 Introducing the MongoDB Provider for Entity Framework Core - Jordan Smith	
9:30 AM	10:45 AM	VSTH05 WebAssembly: The 4th Official Language of the Web - Shaun Walker	VSTH06 Mapping the Path to Value: The Missing Piece of Your Agile-DevOps Transition - Heidi Araya	VSTH07 DI Why? Getting a Grip on Dependency Injection - Jeremy Clark	VSTH08 Designing Data Visualization in Business Apps - Billy Hollis	
11:00 AM	12:00 PM	VISUAL STUDIO LIVE! PANEL DISCUSSION: Effectively Advocating for Yourself in a Vacillating Job Market Angela Dugan [moderator], Benjamin Day, Billy Hollis, Ted Neward, & Layla Porter				
12:00 PM	1:00 PM	Live! 360 DJ Lunch				
1:00 PM	2:15 PM	VSTH09 Building Cloud-ready Applications in .NET - Layla Porter	VSTH10 Busy Manager’s Guide to Performance Management - Ted Neward	VSTH11 Improving Code Quality with Static Analyzers - Jim Wooley	VSTH12  Are You Writing Readable Code? - John Papa	
2:30 PM	3:45 PM	VSTH13 Bringing Hypermedia to ASP.NET 7 Web API - Chris Woodruff	VSTH14 Measuring Up! How To Choose Agile Metrics Your Team Won’t Hate - Angela Dugan	VSTH15 LINQ - It’s Not Just for Databases - Jeremy Clark	VSTH16 Busy Architect’s Guide to the Fallacies of Enterprise Systems - Ted Neward	
4:00 PM	5:00 PM	Next? Live! 360 Networking Event				
START TIME	END TIME	Visual Studio Live! Post-Conference Workshops: Friday, November 17, 2023				
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries				
8:00 AM	5:00 PM	VSF01 Workshop: Design Thinking for Software Development Teams - Billy Hollis			VSF02 Workshop: How to Extend the Power Platform using Azure Services? - Vishwas Lele, Nick Gill, & Tom McKearney	

Sessions and speakers subject to change.

 Microsoft Sessions

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK

FULL DAY HANDS-ON LABS

These instructor-led, pre-conference Hands-On Labs offer attendees intensive in-depth training before the conference officially begins. Take advantage of in-person instruction as well as collaboration with peers.

Attendance for each Hands-On Lab is limited, so be sure to sign up early for these special bring your own laptop pre-conference HOLs.

VSHOL01

Hands-On Lab: Build an ASP.NET Core Razor Pages App with EF Core in a Day

Intermediate

PHILIP JAPIKSE

Sunday, November 12, 9:00AM - 6:00PM

Interested in ASP.NET Core and Entity Framework Core, but not sure where to start? Start here with an all-day Hands-on Lab where you will build a complete solution using the latest development technology from Microsoft. You will build a data access library using Entity Framework Core, complete with repos and migrations. Next, you will build an ASP.NET Core web application, leveraging all of the latest that ASP.NET Core has to offer, including Tag Helpers, View Components, Dependency Injection, and more!

You will learn:

- Learn ASP.NET Core Web Applications (MVC)
- Learn EF Core
- Build an application in a day!

VSHOL02

Hands-On Lab: Code to Cloud with GitHub

Introductory / Intermediate

MARCEL DE VRIES, ROY CORNELISSEN, & RENÉ VAN OSNABRUGGE

Sunday, November 12, 9:00am - 6:00pm

Join us for a full-day hands-on workshop exploring the exciting world of GitHub and Azure. This day will cover DevOps Engineering, Site Reliability Engineering, and Platform Engineering. During this day, we will mix a lot of hands-on with the practical, theoretical background and real-life anecdotes we encounter as consultants every day when empowering DevOps teams.

In Module 1, participants will learn how to ensure a fast first-time commit by introducing themselves through a markdown file in their own GitHub repo. They will also experience the automation process that generates prerequisites for each attendee, including a GitHub Pages website, Azure resource group, web apps, an app service plan, and a repository with issues.

Module 2 focuses on getting up to speed with legacy code using CodeSpaces and Co-Pilot. Participants will familiarize themselves with a provided microservices e-commerce website and set up their IDEs to make changes to the code.

In Module 3, we dive into fearless refactoring, discussing the benefits of breaking up applications into a microservices architecture. Participants will build two features with the help of Co-Pilot and run the application locally in their CodeSpaces.

Module 4 delves into securing legacy code, covering secure development practices and introducing GitHub Advanced Security (GHAS). Participants will learn how to visualize, stop leaks, and fix vulnerabilities using branch protection, secret protection, CodeQL, and automated workflows.

In Module 5, we take the application to the cloud and beyond. Participants will deploy the application to an Azure resource group, incorporating OpenID Connect, secrets in GitHub Actions and creating a continuous deployment workflow. We will also explore observability, load testing, and deployment strategies for zero-downtime deployments.

Join us for this immersive workshop to enhance your coding skills and learn how to integrate GitHub and Azure for efficient code-to-cloud workflows seamlessly.

VSHOL03

Hands-On Lab: Asynchronous and Parallel Programming in C#

Intermediate

JEREMY CLARK

Sunday, November 12, 9:00am - 6:00pm

Asynchronous programming is a critical skill to take full advantage of today's multi-core systems. But async programming brings its own set of issues. In this workshop, we'll work through some of those issues and get comfortable using parts of the .NET Task Parallel Library (TPL).

We'll start by calling asynchronous methods using the Task Asynchronous Pattern (TAP), including how to handle exceptions and cancellation. With this in hand, we'll look at creating our own asynchronous methods and methods that use asynchronous libraries. Along the way, we'll see how to avoid deadlocks, how to isolate our code for easier async, and why it's important to stay away from "async void".

In addition, we'll look at some patterns for running code in parallel, including using Parallel.ForEachAsync, channels, and other techniques. We'll see pros and cons so that we can use the right pattern for a particular problem.

Throughout the day, we'll go hands-on with lab exercises to put these skills into practice.

Objectives:

- Use asynchronous methods with Task and await
- Create asynchronous methods and libraries
- How to avoid deadlocks and other pitfalls
- Understand different parallel programming techniques

You will learn:

- Asynchronous methods with Task and await
- How to avoid deadlocks and other pitfalls
- The different parallel programming techniques

Pre-Requisites

Basic understanding of C# and object-oriented programming (classes, inheritance, methods, and properties). No prior experience with asynchronous programming is necessary; we'll take care of that as we go.

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*



WORKSHOPS

Choose from a wide range of content and topics by expert presenters with Visual Studio Live! Orlando's Pre- and Post-Conference full-day workshops.

VSM01

Workshop: Blazor Top to Bottom

Intermediate

JASON BOCK, ALLEN CONWAY, & ROCKFORD LHOTKA
Monday, November 13, 8:30am - 5:30pm

Blazor (Browser + Razor) has redefined the current landscape for web developers, allowing C# and .NET back into the modern web development picture. Leveraging WebAssembly to allow running .NET code in the browser, we can use the same C# language on the client and the server to build our modern web applications. At the core of Blazor is the ability to compose our web application using reusable components just like the modern browser frameworks.

Join experts in Blazor, WebAssembly, and enterprise development as they discuss why and when to use Blazor. They will give you everything you need to know to build Blazor apps, use the Razor component model, data and event binding, styling the UI, and building maintainable code. You will learn about Blazor server, WebAssembly, and MAUI hybrid apps, and how to implement authentication and authorization. WebAssembly and Blazor are incredibly powerful technologies and may be the future of web development. Come to this workshop to form your own view on this exciting platform.

VSM02

Workshop: Ship Faster, More Securely with Azure PaaS and GitHub Enterprise Cloud

Intermediate

BRIAN RANDELL & MICKEY GOUSSET
Monday, November 13, 8:30am - 5:30pm

In today's fast-paced business environment, organizations must deliver their applications quickly and securely. Azure

Platform-as-a-Service (PaaS) provides a scalable, reliable, and cost-effective solution for developing and deploying web apps, web services, and databases. This workshop will demonstrate how you can leverage Azure PaaS to ship your applications faster and more securely.

In this workshop, you will learn how to build, deploy, and manage web apps, web services, and databases using Azure PaaS with Brian & Mickey. While examples will be presented using .NET 6 & 7 with SQL Server, the principles you'll learn will apply to any modern language and database supported by Azure. You will also learn how to ensure the security of your applications and monitor their performance using Azure PaaS. All of what you see will cover the single developer inner loop using Visual Studio 2022 while you'll see good DevOps practices with GitHub Enterprise Cloud and Azure DevOps Services for the outer team loop.

The workshop will cover the following topics:

- 1. Introduction to Azure PaaS**
 - Overview of Azure PaaS
 - Advantages of Azure PaaS
- 2. Building Web Apps and Web Services with Azure App Service and Azure Functions**
 - Creating a web app
 - Deploying a web app
 - Configuring a web service
 - Deploying a web service
 - Consuming a web service
- 3. Building Databases with Azure SQL Database**
 - Creating and configuring a database
 - Connecting to a database
 - Migrating data to a database
- 4. Securing Your Applications with Azure PaaS**
 - Overview of Azure security features
 - Implementing authentication and authorization
 - Securing data in transit and at rest
- 5. Monitoring Your Applications with the Azure Monitor family**
 - Setting up monitoring tools
 - Analyzing application performance
 - Troubleshooting common issues

The workshop will consist of a mix of presentation slides and lots of demos. Brian & Mickey will be available to answer questions and provide guidance throughout the day. By the end of this workshop, you will have a solid understanding of how to use Azure PaaS to build, deploy, and manage web apps, web services, and databases. You will also have a good

understanding of how to ensure the security and performance of your applications and how to use good DevOps practices to streamline your development and deployment processes.

You will learn:

- Attendees will learn how to create and deploy web apps, web services, and databases using Azure PaaS, which provides a scalable, reliable, and cost-effective solution for developing and deploying applications in the cloud
- Attendees will gain knowledge on how to implement security features such as authentication and authorization, as well as secure data in transit and at rest to ensure the security of their applications on Azure PaaS
- Attendees will also learn how to use good DevOps practices like continuous integration and deployment, automation testing and quality control to streamline development and deployment processes for their applications

VSM03

Workshop: Mastering Human Factors

Intermediate / Advanced

BENJAMIN DAY & ANGELA DUGAN
Monday, November 13, 8:30 - 5:30pm

You have solid DevOps pipelines, the best of breed tooling, your processes are well documented and discoverable, and your team rooms are full of comfy chairs and the tastiest snacks! So why is it still so stinking difficult to meet your commitments and deliver high quality software? If it's not a tooling problem it must be a people problem, and if it's not a people problem it must be a system problem, right? It is easy to say that software delivery would be so easy...if it weren't for all the humans. But why is that?

The technical stuff is easy by comparison. Humans need convincing and explanations and reasons for why they should embrace an Agile mindset, and follow DevOps leading practices, and work on this thing instead of that other more fun thing. If you're in a leadership role, how can you tell if your teams are facing challenges, and what do you do about it? How do you know if your team members are productive? How can you prevent burnout, increase morale, and sustain a high performing team that crushes their commitments? What do we ALL need to know about being truly great team members, and why should we care?

In this workshop, Ben and Angela will connect the strategic, human-oriented reasoning to the tactical 'nuts and bolts' of a successful software organization. We'll discuss process,

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

metrics, communication, all of the typical Agile and DevOps concepts, and instead of focusing on any particular technology or framework, we'll focus on how to help you and the humans around you to be happier, more effective, and truly productive.

You will learn:

- How to level up your communication and feedback to support continuous improvement, and minimize friction and conflict
- How to optimize delivery and maintain a healthy team morale by tracking the right metrics, not just the popular or common ones
- Understanding theories of complexity and constraints, and using that knowledge to manage and adapt to bottlenecks

VSF01

Workshop: Design Thinking for Software Development Teams

Introductory

BILLY HOLLIS

Friday, November 17, 8:00 - 5:00pm

Developers don't want to be designers, but I think most of them do want to be better developers. Incorporating design thinking into software development yields higher value apps, more satisfied users, and better personal reputation. In this workshop, developers and other non-design team members can learn essentials, and walk out with some tangible techniques and skills to immediately start addressing routine app design. The session is interactive, with hands-on exercises as well as presentation of design techniques, principles, and a lightweight process for incorporating design into development. The focus is on interaction design and user-centric design, not aesthetics and layout. We'll discuss how to facilitate design meetings, reach group decisions, probe user work and task flows, fit design tasks to those flows, and evaluate designs to enter production coding with fewer blind alleys, backtrack, and rework. Some exercises will be in groups – bring others on your team if you would like to experience this workshop together.

You will learn:

- Why leveraging design thinking is essential for many teams
- Ways to discuss doing better design with managers above you
- Techniques and principles to perform design thinking

VSF02

Workshop: How to Extend the Power Platform using Azure Services?

Intermediate

VISHWAS LELE, NICK GILL, & TOM MCKEARNEY

Friday, November 17, 8:00am - 5:00pm

Enterprise Low Code Application Platforms (LCAP), such as Microsoft Power Platform, are being increasingly adopted by professional developers. Gartner predicts, "by 2024, over 65% of medium to large enterprises will have adopted a Low Code Application Platform as one of their strategic application platforms." With growing interest and adoption of low code platforms with professional developers, this one-day workshop will focus on how Azure developers can leverage Power Platform.

During this all-day workshop, attendees will delve into a variety of topics designed to bolster their skill set as Azure and Power Platform developers. The agenda includes exploring Fusion Teams for cross-discipline collaboration, understanding environment management through Azure AD, and getting hands-on with Dataverse and Azure-aware plug-ins. Participants will also learn about Application Lifecycle Management (ALM) with Azure DevOps, master composite deployment techniques using Porter, and gain insights into automation and security features such as Azure API Management and Managed Identity. This workshop offers a comprehensive guide for leveraging the best of both Azure and Power Platform to deliver state-of-the-art applications.

You will learn:

- Gain a deep understanding of how Azure and the Power Platform synergize for efficient cross-discipline collaboration and robust application development.
- Acquire hands-on experience in data management, application lifecycle management, and composite deployment strategies across both platforms.
- Dive into automation and security features, learning how to optimize API management, data security, and automated workflows.

MODERN SOFTWARE ENGINEERING

The heart of Modern Software Engineering is building and delivering software faster, reducing complexity and risk, all without sacrificing quality – quality of the software AND quality of the experience of everyone involved in building and delivering that software. The list of technical strategies, tools, and leading practices that enable modern software engineering is long and are evolving rapidly. This track will help you stay on top of leading DevOps, DevSecOps, and platform engineering practices, tools, and strategies. Expect us to dig in on providing remote access, robust environments, and automation that is secure, easy to access, and readily available.

You'll find coverage of:

- Advanced GitHub Actions
- Are You Writing Readable Code?
- Be More Productive with Using GitHub Copilot and GitHub Codespaces Today and GitHub Copilot X in the Future
- Busy Architect's Guide to the Fallacies of Enterprise Systems
- CodeToCloud with GitHub and Azure DevOps
- DevOps is Dead, Long Live DevOps!
- From One Release Per Quarter to 30 Times a Day
- GitHub CLI
- I Love YAML: Using Azure DevOps to Build and Release to Azure
- Ship Faster, More Securely with Azure PaaS and GitHub Enterprise Cloud
- The Not-so-SOLID Principles of Software Development
- Writing Maintainable Test Automation

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

VST10

Fast Focus: GitHub CLI

Intermediate / Advanced

MICKY GOUSSET

Tuesday, November 14, 2:00 - 2:20pm

gh is GitHub on the command line. It brings pull requests, issues, and other GitHub concepts to the terminal next to where you are already working with git and your code.

VST13

Be More Productive with Using GitHub Copilot and GitHub Codespaces Today and GitHub Copilot X in the Future

Introductory/Intermediate

BRIAN RANDELL

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- The basics of GitHub Copilot and how it can be used to improve productivity
- How to set up and use Codespaces for cloud-hosted development in .NET, and how it integrates with GitHub for collaboration with other developers
- Discover practical tips and best practices for using Copilot and Codespaces effectively in real-world scenarios

VST17

From One Release Per Quarter to 30 Times a Day

Intermediate

MARCEL DE VRIES

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- How to use feature toggles
- How to add observability
- How to use red/green deployments

VSW04

Writing Maintainable Test Automation

Intermediate

MARCEL DE VRIES

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- About using page object pattern
- About writing fluent tests
- About using containers to simplify end 2 end scenarios

VSW08

The Not-so-SOLID Principles of Software Development

Introductory / Intermediate

CHRIS KLUG

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- Why the SOLID principles might not be the best anymore
- Why more and more people are questioning the use of the SOLID principles
- Why the development world might have evolved beyond the SOLID principles

VSW12

DevOps is Dead, Long Live DevOps!

Intermediate

BRIAN RANDELL

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- A deeper understanding of the history and evolution of the DevOps movement, from its origins as a set of best practices to its status as a cultural phenomenon
- The challenges facing DevOps in the modern software landscape, including the risk of becoming a buzzword and losing its original meaning, and the need to adapt to new technologies and practices
- Practical ways to apply DevOps principles to your own work, including how to foster a DevOps culture, how to implement automation and continuous delivery practices, and how to stay up-to-date with the latest DevOps trends and best practices

VSW16

I Love YAML: Using Azure DevOps to Build and Release to Azure

Intermediate / Advanced

BENJAMIN DAY

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- What is YAML and YAML-based pipelines? How is it the same/different from JSON-based pipelines?
- How do you handle multiple environments?
- How do you use approvals to control deployments to environments?

VSTH12

Are You Writing Readable Code?

Introductory

JOHN PAPA

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- Code readability
- Maintainability
- Productivity

VSTH16

Busy Architect's Guide to the Fallacies of Enterprise Systems

Intermediate

TED NEWARD

Thursday, November 16, 2:30 - 3:45pm

You will Learn:

- What the fallacies are
- Why they're so common
- Discover the ways to avoid them

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

DATABASE DEVELOPMENT

Working with data is critical to most applications and services. This track covers some essentials of working with Entity Framework, basic & advanced concepts with Cosmos DB, and data visualization design. For lots more great additional data and analytics content, take a look at the agenda for SQL Server Live!

This track includes coverage of the following:

- Fast Focus: What's new in Entity Framework Core
- Introduction to Azure Cosmos DB
- Securing Azure Cosmos DB
- Designing Data Visualization in Business Apps

VST06

Fast Focus: What's New in EF Core

Intermediate

JIM WOOLEY

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- New features in EF 8

VSW03

Introduction to Azure Cosmos DB

Introductory

LEONARD LOBEL

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- NoSQL databases, and Microsoft Azure Cosmos DB
- The differences between NoSQL and relational database platforms, and when to choose one or the other for your next application
- About the unique NoSQL features of Cosmos DB, including global distribution, server-side horizontal partitioning, multi-model support, rich query over schema-free data, client development, server-side programming, tunable consistency, and automatic indexing

VSTH04

Introducing the MongoDB Provider for Entity Framework Core

Intermediate

JORDAN SMITH

Thursday, November 16, 8:00 - 9:15am

You Will Learn:

- Fundamentals of MongoDB, the document model, and the Atlas Developer Data Platform
- How to complete CRUD use cases in MongoDB's new EF Core Provider.
- Comparisons between the MongoDB, Cosmos, and SQL Server providers for EF Core.
- Limitations of the Public Preview release and plans for forthcoming releases.

VSTH08

Designing Data Visualization in Business Apps

Introductory

BILLY HOLLIS

Thursday, November 16, 9:30 - 10:45am

You will learn:

- How the cloud is changing our apps because of the dramatic increase in data availability
- Some of the most common UX patterns for exposing data to users in a useful and valuable way
- See a host of examples to help inspire possibilities in your own apps

DEVELOPING NEW EXPERIENCES

The expectations around "user experience" are being upended right before our eyes. In today's world you need to understand not only graphical interactions with keyboard, mouse, touch, and stylus, but also gesture, 3D, mixed-reality, and more. Fortunately, we've got you covered with content for rich multi-platform apps covering Windows, macOS, mobile and more!

This track includes coverage of the following:

- Aloha .NET MAUI! Extending Apps to Mobile and Desktop with Blazor Hybrid
- Blazor on Desktop: PWA, Electron or .NET MAUI
- Busy Developer's Guide to Flutter
- Coding 4 Fun: 8-bit Game Emulation in .NET
- Design Thinking for Software Development Teams
- Improving Legacy Applications with UX Design
- State of Mobile Development
- The Microsoft Metaverse - Mesh and More. What's Going On?

VST02

State of Mobile Development

Intermediate

SAM BASU

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- Various ways of reaching mobile
- Various platforms & technology stacks
- Tooling & modernization strategies

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

VST12

Blazor on Desktop: PWA, Electron or .NET MAUI

Intermediate

SAM BASU

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- Various ways of reaching Desktop
- Nuances of Blazor on native apps
- Explore code sharing techniques

VST16

Coding 4 Fun: 8-bit Game Emulation in .NET

Intermediate

ALEX THISSEN

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- About building emulators in .NET and C# emulation strategies
- Unit testing complex compute heavy processes
- About creating a game UI using MonoGame

VSW02

The Microsoft Metaverse - Mesh and More. What's Going On?

Introductory

ANDREAS ERBEN

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- About the state of the art of the Metaverse
- What is Microsoft still doing with the Metaverse
- How can you get started building Metaverse applications

VSW06

Aloha .NET MAUI! Extending Apps to Mobile and Desktop with Blazor Hybrid

Introductory

SHAUN WALKER

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- The history of Blazor Hybrid
- Problem which Blazor Hybrid solves
- Deep dive into Blazor Hybrid in action

VSW10

Improving Legacy Applications with UX Design

Introductory

BILLY HOLLIS

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- The key parts of existing apps for significant improvement thru redesign
- A roadmap for implementing redesign of key parts of your existing apps
- A lightweight design process you can apply to redesign of app chunks

VSW14

Busy Developer's Guide to Flutter

Intermediate

TED NEWARD

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- What makes Flutter interesting
- Discover the Dart language used for Flutter
- Ingest the key principles to Flutter

HUMAN FACTORS IN ENGINEERING

When engineering software, systems, and processes, one factor that is key to success, that is particularly complex and challenging to account for, and is often not focused on proactively – is the human factor. Drucker famously said that “culture eats strategy for breakfast”, meaning that the best laid system architecture, cloud strategies, and DevOps pipelines are only as effective as the people and teams who are implementing those brilliant plans. And to be effective, those individuals and teams need leaders who are connected and present and who provide clear vision and priorities for their teams to align to. They also need to work within a culture that embraces and encourages experimentation, learning, and continuous improvement, with access to tools and processes that reduce friction and boost collaboration. The sessions in the Human Factors in Engineering track focus on topics that will be relevant and useful for a lifetime regardless of the platform, languages, and “best practices” that you use along the way.

Topics in this track include:

- Busy Manager's Guide to Performance Management
- Culture Club: Building a Strong Engineering Culture from the Ground Up
- Mapping the Path to Value: The Missing Piece of Your Agile-DevOps Transition
- Mastering Human Factors
- Measuring Up! How To Choose Agile Metrics Your Team Won't Hate
- Rethinking Team Metrics in 20 Minutes
- Scrum Trek: The Next Generation – Warp Speed with Flow Metrics
- The Importance of Cultivating a DevOps Mindset

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

VST07

Fast Focus: Supercharged Feedback Techniques in 20 Minutes

Introductory

ANGELA DUGAN

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- How to recognize what feedback is, and is not
- The qualities of high-quality feedback
- About feedback frameworks to level up your skills

VST14

Culture Club: Building a Strong Engineering Culture from the Ground Up

Intermediate

RENE VAN OSNABRUGGE

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- The elements of a successful engineering culture: software, delivery, continuity, and platforms
- How to build an engineering culture beyond traditional IT, with an empowering operating model and the eight pillars of success
- Leadership skills for building a culture of innovation, collaboration, and continuous learning in engineering teams

VST18

Mind Matters: The Importance of Cultivating a DevOps Mindset

Intermediate

ROY CORNELISSEN & RENÉ VAN OSNABRUGGE

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- The importance of a DevOps mindset and how it impacts the success of a team
- How to recognize counter-productive behaviors and fears that hinder the adoption of DevOps practices and learn strategies for fostering a culture of courage, teamwork, leadership, and continuous improvement
- To develop strategies for cultivating a growth mindset, including embracing challenges, learning from failures, and seeking out feedback and opportunities for growth

VSTH02

Scrum Trek: The Next Generation – Warp Speed with Flow Metrics

Intermediate / Advanced

BENJAMIN DAY

Thursday, November 16, 8:00 - 9:15am

You will learn:

- How to stop estimating and still answer all your boss's questions about when and which things will get done
- The pieces and basis of this new way of thinking: Little's Law, Work In Progress, Cycle Time, and Throughput
- How to apply statistical forecasting to your team's historical performance to calculate what will likely get done and when

VSTH06

Mapping the Path to Value: The Missing Piece of Your Agile-DevOps Transition

Intermediate

HEIDI ARAYA

Thursday, November 16, 9:30 - 10:45am

You will learn:

- What is value stream mapping and what problems are we trying to solve with this activity
- The myths and misunderstandings people have about Value Streams and Value Stream Mapping
- Why mapping the path to value is crucial to helping your business achieve the promised value of agile and DevOps
- 8 Lean principles to help you succeed in this activity (and in your daily life)
- How to start with the mapping activity in a lightweight way

VSTH10

Busy Manager's Guide to Performance Management

Intermediate

TED NEWARD

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- What performance management really means
- How to help your team grow
- How to help them help you

VSTH14

Measuring Up! How To Choose Agile Metrics Your Team Won't Hate

Introductory

ANGELA DUGAN

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- Why it is so difficult to identify meaningful metrics in the software world
- The importance of developing a healthy "metrics mindset"
- The best types of quality-focused team metrics to focus on in an agile organization

"I APPRECIATED THAT EVEN WITH THE PUSH TO CLOUD STILL THERE WERE STILL PHYSICAL NETWORKING AND INFRASTRUCTURE COURSES."

– Scott Adam McHenry, Molded Fiberglass Companies, Live! 360 Orlando 2022 Attendee

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

THE CORE OF .NET

The heart of the Microsoft development experience has been the .NET Framework. But it's changed a lot in the era of .NET Core. And now we have a single, unified version, .NET 7. You need to understand these major changes in the platform, not to mention the cool features being added to C#. These are the foundation-level topics you need to know for success in the Microsoft development world and we've got sessions and hands-on options for you to explore!

Topics in this track include:

- Asynchronous and Parallel Programming in C#
- Busting .NET Myths
- C# Past, Present, and Beyond
- DI Why? Getting a Grip on Dependency Injection
- Getting Polyglot Notebooks
- Go (con)figure - Making Sense of the .NET Configuration System
- Improving Code Quality with Static Analyzers
- LINQ - It's Not Just for Databases
- What's New in Modern .NET Library APIs

VST04

What's New in Modern .NET Library APIs

Intermediate

JASON BOCK

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- What functionality .NET provides
- New features in the latest version of .NET
- Insight in staying on top of new runtime versions

VST09

Fast Focus: Getting Polyglot Notebooks

Introductory

JASON BOCK

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- What Polyglot Notebooks are
- How .NET works in notebooks
- Insight into .NET integration in Jupyter

VSW11

Go (con)figure - Making Sense of the .NET Configuration System

Advanced

ALEX THISSEN

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- About .NET configuration and options system
- About securely configuring applications in cloud and container environments
- Best practices, tips, tricks and inner workings for .NET configuration

VSW15

Busting .NET Myths

Intermediate

JASON BOCK

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- Learn (or unlearn!) how key parts of .NET works
- Gain insight into language features and their implementations
- Develop new skills to apply in .NET applications

VSTH03

C# Past, Present, and Beyond

Intermediate / Advanced

JIM WOOLEY

Thursday, November 16, 8:00 - 9:15am

You will learn:

- Some of the language features from recent versions of C# that you may have missed
- How the latest language features can be helpful for your applications today
- How you can stay on top of new language features that are proposed for the future

VSTH07

DI Why? Getting a Grip on Dependency Injection

Introductory / Intermediate

JEREMY CLARK

Thursday, November 16, 9:30 - 10:45am

You will learn:

- The problems that DI can solve
- Understand DI by using it without a container
- How a DI container can add some magic and reduce some code

VSTH11

Improving Code Quality with Static Analyzers

Intermediate

JIM WOOLEY

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- How to use code analysis tools in Visual Studio
- How to customize the analyzers and code styles in Visual Studio
- How to build Roslyn based code fixes to detect and fix domain specific errors that the compiler can't catch

VSTH15

LINQ - It's Not Just for Databases

Introductory / Intermediate

JEREMY CLARK

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- To use LINQ methods to sort, filter, and aggregate data
- The Func parameter commonly used in LINQ methods
- How to use lambda expressions as LINQ parameters

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

FULL STACK WEB DEVELOPMENT

Web development has become the dominant approach for building enterprise software. To provide your best on every project, you need to understand the server and browser client worlds. On the server, there's ASP.NET using .NET 7, Razor Pages, and support for building services. The browser client is evolving rapidly, with constant changes and updates to JavaScript, TypeScript, Angular, and other related frameworks. But more than this, there's now Blazor Server and Blazor Client (aka WebAssembly) and the ability to run other languages natively in the browser. Your need to keep up to date with all these technologies has never been greater, and we're here to give you the knowledge you need!

Topics in this track include:

- ASP.NET Basics for Experts
- ASP.NET Core Beyond the Basics
- Azure Static Web Apps: Quickly Deploy Your Web App with Scale and Security
- Blazor Top to Bottom
- Bringing Hypermedia to ASP.NET 7 Web API
- Building a Progressive Web App (PWA) using Angular
- Building Cloud-ready Applications in .NET
- Building Reliable Web Apps with Azure & .NET
- Caching in ASP.NET 7 Web API
- Develop an ASP.NET Core App with EF Core in a Day
- Fast Focus on API Versioning
- Getting Up and Running with Modern Angular
- Hybrid Web Frameworks
- Introduction to Blazor
- WebAssembly: The 4th Official Language of the Web
- Websites with ASP.NET Core Razor Pages

VST01

Introduction to Blazor

Introductory

ROCKFORD LHOTKA

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- How Blazor, WebAssembly, and .NET combine to enable this app platform
- How to build server-side Blazor and Blazor WebAssembly apps
- How to use Blazor UI framework features such as UI components, data binding, routing, and authorization

VST03

Cloud Acceleration: From Windows Desktop to native Web Applications

Introductory

LEVIE RUFENACHT

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- The Challenges Facing Legacy App Modernization
- Basic Introduction to Wisej.NET + Wisej.NET Hybrid on .NET MAUI
- A Simple WinForms to Azure Migration

VST05

Fast Focus: Hybrid Web Frameworks

Introductory

ALLEN CONWAY

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- About the basics of what Hybrid Web Frameworks do for you
- About the differences between web, native, and hybrid implementations
- The basics of building a Hybrid Web App in Visual Studio Code

VST08

Fast Focus on API Versioning

Introductory

PHILIP JAPIKSE

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- Why versioning matters
- How to version
- How to fix the base framework for versioning with Swagger

VST11

Getting Up and Running with Modern Angular

Introductory

ALLEN CONWAY

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- The fundamentals of the Angular framework and why you would use it for modern web development, as well as how it fits in front of your existing back-end implementation
- How to create and run an Angular application using the CLI (Command Line Interface)
- The fundamentals of Angular applications by building components, views, and services

VST15

Building a Progressive Web App (PWA) using Angular

Intermediate

ALLEN CONWAY

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- About the fundamentals of a PWA and why they would be advantageous to implement
- How to build a basic PWA using Angular, TypeScript and Ionic
- About service workers and their basic configuration in a PWA

VISUAL STUDIO LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

VSW01

Websites with ASP.NET Core Razor Pages

Intermediate

PHILIP JAPIKSE

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- ASP.NET Core Fundamentals
- Razor View Engine and Routing
- ASP.NET Core Razor Pages

VSW05

Azure Static Web Apps: Quickly Deploy Your Web App with Scale and Security

Intermediate

JOHN PAPA

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- Auth
- Publishing to the cloud
- CD/CD

VSW07

The Worst RESTful API Design Ever

Introductory / Intermediate

SIMON TIMMS

Wednesday, November 15, 9:30 - 10:45am

In this irreverent presentation, we'll build on the mistakes of others to build the worst, most unusable API possible. By the time we're done, you'll see all the mistakes you should avoid when building your own API.

VSW09

Caching in ASP.NET 7 Web API

Intermediate

CHRIS WOODRUFF

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- About the different flavors of caching in ASP.NET
- About using caching on both the server and client apps and systems
- To expand skills about distributed caching in cloud platforms like Azure and AWS

VSW13

ASP.NET Core Beyond the Basics

Intermediate / Advanced

CHRIS KLUG

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- That there is more to ASP.NET Core than MVC
- The extension points we can use to build better or simpler solutions
- To see something out of the ordinary

VSTH01

ASP.NET Basics for Experts

Intermediate

LAYLA PORTER

Thursday, November 16, 8:00 - 9:15am

Join me and learn about the following topics and more!:

- Minimal APIs, top-level statements and good design practice
- Dependency injection and inversion of control
- HTTP clients and policies
- Resiliency and circuit breakers with Polly
- Discovery clients with Steeltoe OSS

VSTH05

WebAssembly: The 4th Official Language of the Web

Introductory

SHAUN WALKER

Thursday, November 16, 9:30 - 10:45am

You will learn:

- The history of WebAssembly
- About the problem which WebAssembly solves
- About Blazor WebAssembly

VSTH09

Building Cloud-ready Applications in .NET

Intermediate

LAYLA PORTER

Thursday, November 16, 1:00 - 2:15pm

Join me as we cover:

- Configuration
- Monitoring and tracing
- Messaging
- Service Discovery
- Circuit Breakers and HTTP resiliency
- API Gateways

VSTH13

Bringing Hypermedia to ASP.NET 7 Web API

Advanced

CHRIS WOODRUFF

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- More about REST with the Richardson REST Maturity Model
- Expand the developer's ASP.NET Web API products with this essential part of REST
- How to consume Web APIs with Hypermedia with .NET and JavaScript

VISUAL STUDIO LIVE! SPEAKERS

CONFERENCE CHAIRS



Andrew Brust
CEO and Founder,
Blue Badge Insights

Visual Studio Live!
Conference Co-Chair



Angela Dugan
Strategic Business
Consultant & Agility Coach

Visual Studio Live!
Conference Co-Chair



Rockford Lhotka
VP of Strategy,
Xpirit USA

Visual Studio Live!
Conference Co-Chair



Brian Randell
Product Marketing Director,
GitHub

Visual Studio Live!
Conference Co-Chair

SPEAKERS



Heidi Araya
Director of Agile
Transformation,
Tenable



Sam Basu
Developer Advocate,
Progress Software



Jason Bock
Staff Software
Engineer,
Rocket Mortgage



Jeremy Clark
Developer Educator,
JeremyBytes.com



Allen Conway
App Modernization
Consultant,
Xpirit USA



Roy Cornelissen
Lead Consultant,
Xpirit



Benjamin Day
Author, Trainer,
Developer



Marcel de Vries
CO-Founder & CTO,
Xpirit



Angela Dugan
Strategic Business
Consultant & Agility
Coach



Andreas Erben
CEO Americas,
daenet



Patrick Gilfether
Sr. Product Manager,
MongoDB



Nick Gill
Solution Architect,
AIS



Mickey Gousset
DevOps Architect,
GitHub



Billy Hollis
Developer. Designer.
Speaker. Author.



Philip Japikse
Developer, Coach,
Author, Teacher



Chris Klug
Developer,
Active Solution



Vishwas Lele
CTO, AIS



Rockford Lhotka
VP of Strategy,
Xpirit USA



Leonard Lobel
CTO,
Sleek Technologies,
Inc.



Tom McKearney
Cloud Solution
Architect, AIS



Ted Neward
Principal,
Neward & Associates



John Papa
Principal Developer
Advocate,
Microsoft



Layla Porter
Developer Advocate,
VMware



Brian Randell
Product Marketing
Director,
GitHub



Levie Rufenacht
Software Developer,
Ice Tea Group



Alex Thissen
Architect, Lead
Developer, and
Mentor, Xpirit



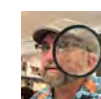
René van Osnabrugge
DevOps Strategy
Consultant,
Xpirit



Simon Timms
Principal Software
Engineer, Particular
Software



Shaun Walker
CTO of Professional
Services,
Cognizant



Chris Woodruff
Developer Advocate,
JetBrains






Jim Wooley
Solution Architect,
Slalom Consulting

SQL Server® LIVE!

TRAINING FOR DBAs AND IT PROS







AGENDA-AT-A-GLANCE

Business Intelligence, Data Warehouse and Data Lake		SQL Server Administration & Maintenance		SQL Server Features & Components		SQL Server for Developers		SQL Server Performance Tuning and Optimization	
START TIME	END TIME	SQL Server Live! Pre-Conference Hands-On Labs: Sunday, November 12, 2023							
7:30 AM	9:00 AM	Registration • Coffee and Morning Pastries							
9:00 AM	1:00 PM	SQHOL01 Hands-On Lab: Security, Privacy and Compliance in Azure Data Platform - Karen Lopez and Thomas LaRock							
2:00 PM	6:00 PM	Pre-Conference Registration - Royal Pacific Resort Conference Center							
START TIME	END TIME	SQL Server Live! Pre-Conference Workshops: Monday, November 13, 2023							
7:00 AM	8:30 AM	Registration • Coffee and Morning Pastries							
8:30 AM	12:30 PM	SQM01  Workshop: Full Day of Azure Modern Data Analytics - Bradley Ball, Josh Luedeman, Neeraj Jhaveri, Buck Woody				SQM02 Workshop: Developer Dive into SQL Server 2022 - Leonard Lobel & Andrew Brust			
6:30 PM	8:00 PM	Mix & Mingle @ Hard Rock Café Universal CityWalk							
START TIME	END TIME	SQL Server Live! Day 1: Tuesday, November 14, 2023							
7:00 AM	8:00 AM	Registration • Coffee and Morning Pastries							
8:00 AM	9:00 AM	 SQL SERVER LIVE! KEYNOTE & ARTIFICIAL INTELLIGENCE LIVE! KEYNOTE: The Age of AI for the Data Professional Buck Woody, Applied Data Scientist, Azure Data Services Team, Microsoft							
9:15 AM	10:30 AM	SQT01 A Database Designers Favorite Security and Privacy Features in SQL Server/Azure DB - Karen Lopez				SQT02 Power BI Data Wrangling - Choosing the Best Feature for the Job - Angela Henry			
10:30 AM	11:00 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7							
11:00 AM	12:00 PM	LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team Brian Randell, Product Marketing Director, GitHub							
12:00 PM	12:45 PM	Lunch - Oceana Ballroom • Visit the EXPO Lounge - Pacifica 7							
12:45 PM	1:30 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7							
1:30 PM	1:50 PM	SQT03  Fast Focus: Azure Synapse: Top Five Performance Killers - Amy Herold				SQT04 Fast Focus: Five Ways to Increase the Accessibility of Your Power BI Reports - Meagan Longoria			
2:00 PM	2:20 PM	SQT05 Fast Focus: Azure Arc-enabled SQL Server - Karen Lopez				SQT06 Fast Focus: Power BI Metrics: Managing KPIs and Scorecards for Yourself and Your Team - Andrew Brust			
2:20 PM	2:45 PM	Networking Break • Visit the EXPO Lounge - Pacifica 7							

Sessions and speakers subject to change.

 Microsoft Sessions




AGENDA-AT-A-GLANCE *(continued)*

Business Intelligence, Data Warehouse and Data Lake		SQL Server Administration & Maintenance		SQL Server Features & Components		SQL Server for Developers		SQL Server Performance Tuning and Optimization	
START TIME	END TIME	SQL Server Live! Day 1: Tuesday, November 14, 2023 (Continued)							
2:45 PM	4:00 PM	SQT07  Introduction to Azure Purview - Bradley Ball and Neeraj Jhaveri				SQT08  Generative AI: Concepts, Tools, and Applications for Data Professionals - Buck Woody			
4:15 PM	5:30 PM	SQT09  Let's Make Azure SQL FASTER - Bradley Ball				SQT10 Getting Started with Governance for Your Power BI Estate - Angela Henry			
5:30 PM	7:00 PM	Exhibitor Welcome Reception - Pacifica 7							
START TIME	END TIME	SQL Server Live! Day 2: Wednesday, November 15, 2023							
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries							
8:00 AM	9:15 AM	SQW01 When it Makes Sense to Incorporate Datamarts and Data flows in Power BI - Ginger Grant				SQW02 Database Design: SQL Server Datatypes - Thomas LaRock			
9:30 AM	10:45 AM	SQW03 Troubleshooting Synapse Dedicated SQL Pools and Microsoft Fabric Data Warehouses - Steve Wright				SQW04  SQL Server 2022 and the Wheel of Power - Kendal Van Dyke and Abdullah Mamun			
10:45 AM	11:30 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7							
11:30 AM	12:30 PM	LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization Rajeev Kapur, CEO & Chief AI Officer, 1105 Media, Inc.							
12:30 PM	1:30 PM	Table Topics Lunch - Oceana Ballroom							
1:30 PM	2:00 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7							
2:00 PM	3:15 PM	SQW05  Azure Synapse vs Microsoft Fabric: Everything You Need to Know - Amy Herold				SQW06  Arc, Arc and Arc: De-mystifying Azure Arc for Data - Buck Woody			
3:15 PM	4:00 PM	Networking Break • Visit the EXPO Lounge • Expo Raffle @ 3:30 p.m. - Pacifica 7							
4:00 PM	5:15 PM	SQW07 DevOps in Power BI - Ginger Grant				SQW08 Intro to Databricks Unity Catalog for the SQL Server Developer - Meagan Longoria			
7:30 PM	9:00 PM	Live! 360 Dessert Luau - Wantilan Pavilion							

Sessions and speakers subject to change.

 Microsoft Sessions

AGENDA-AT-A-GLANCE *(continued)*

Business Intelligence, Data Warehouse and Data Lake		SQL Server Administration & Maintenance		SQL Server Features & Components		SQL Server for Developers		SQL Server Performance Tuning and Optimization	
START TIME		END TIME		SQL Server Live! Day 3: Thursday, November 16, 2023					
7:30 AM		8:00 AM		Registration • Coffee and Morning Pastries					
8:00 AM		9:15 AM		SQTH01 Performance Tuning SQL Server using Wait Statistics - <i>Thomas LaRock</i>			SQTH02  Using REST APIs from within TSQL - <i>Josh Luedeman</i>		
9:30 AM		10:45 AM		SQTH03 Microsoft Fabric: Defragmenting the Analytics Stack - <i>Andrew Brust</i>			SQTH04  An Introduction to Azure SQL Edge: The Database Engine for the Internet of Things - <i>Kendal Van Dyke</i>		
11:00 AM		12:00 PM		SQL SERVER LIVE! PANEL DISCUSSION: AI/ChatGPT and How it Will Affect Data and Databases <i>Thomas LaRock [moderator], Allan Hirt, Karen Lopez, & Stacia Varga</i>					
12:00 PM		1:00 PM		Live! 360 DJ Lunch					
1:00 PM		2:15 PM		SQTH05 Making the Leap from Reporting to Data Analysis - <i>Stacia Varga</i>			SQTH06  What's New with Azure Data Factory - <i>Josh Luedeman</i>		
2:30 PM		3:45 PM		SQTH07 Getting Your Story Straight with Data Visualizations - <i>Stacia Varga</i>			SQTH08 Modern Infrastructure Fundamentals for SQL Server - <i>Allan Hirt</i>		
4:00 PM		5:00 PM		Next? Live! 360 Networking Event					
START TIME		END TIME		SQL Server Live! Post-Conference Workshops: Friday, November 17, 2023					
7:30 AM		8:00 AM		Registration • Coffee and Morning Pastries					
8:00 AM		12:00 PM		SQF01 Workshop: Infrastructure as Code: DevSecOps for the SQL Server GUI DBA - <i>Allan Hirt</i>					

Sessions and speakers subject to change.

 Microsoft Sessions

SQL SERVER LIVE! SESSION DESCRIPTIONS BY TRACK



FULL DAY HANDS-ON LABS

These instructor-led, pre-conference Hands-On Labs offer attendees intensive in-depth training before the conference officially begins. Take advantage of in-person instruction as well as collaboration with peers.

Attendance for each Hands-On Lab is limited, so be sure to sign up early for these special bring your own laptop pre-conference HOLs.

SQHOL01

Hands-On Lab: Security, Privacy and Compliance in Azure Data Platform

Intermediate / Advanced

KAREN LOPEZ AND THOMAS LAROCK

Sunday, November 12, 9:00am - 6:00pm

This advanced hands-on workshop covers data security, privacy, and compliance protection for Azure Data Platform resources, with a primary focus on SQL Server and Azure SQL Database. With demonstrations and several exercises, this workshop uses group labs to cover database and data protection techniques, including threat analysis and remediation. We'll look at the new features, why you should consider them, where they work, and where they don't.

Topics will include:

- Data Categorization and Classification
- Encryption; Transparent Data Encryption, Always Encrypted
- Data Masking
- Row-level Security
- Vulnerability Assessments
- Advanced Threats
- Ledger Databases and Tables
- Microsoft Defender
- Microsoft Purview
- ...and more

You will learn:

- How to discovery, assess, and classify sensitive data
- How to deploy features in the right location to best protect data
- How to leverage security services to protect data

Attendee Requirements:

You must provide your own laptop computer (Windows or Mac) for this hands-on lab.



WORKSHOPS

Choose from a wide range of content and topics by expert presenters with SQL Server Live! Orlando's Pre- and Post-Conference full-day workshops.

SQM01

Workshop: Full Day of Azure Modern Data Analytics

Introductory / Intermediate

BRADLEY BALL, JOSH LUEDEMAN, NEERAJ JHAVERI, & BUCK WOODY

Monday, November 13, 8:30am - 5:30pm

We've got some big news for you! An amazing day that will include an interactive data set, a GitHub repos with instructions, and a day full of learning. We will cover Lakehouse databases, Spark, Data lakes, Analytics, ML, and reporting. The goal of this full day workshop is to instruct you how to use Azure technology taught by a team from the Azure FastTrack Product group.

You will learn:

- The options of Azure Data Platform Analytics Offerings
- Which Azure Data Platform Analytics offerings is the right one for your organization
- The resources to build an end-to-end Modern Analytics Solution

SQM02

Workshop: Developer Dive into SQL Server 2022

Intermediate

LEONARD LOBEL & ANDREW BRUST

Monday, November 13, 8:30am - 5:30pm

This all-day workshop on SQL Server on-prem and cloud platforms will provide coverage of a wide range of capabilities, including operational and analytical, on-premises and in the cloud. We'll start by covering important development platform features, including T-SQL enhancements added in SQL Server 2022 and machine learning services with R and Python. We'll then explore the brand-new Data API Builder to instantaneously create both REST and GraphQL endpoints over your database tables, views, and stored procedures – with full support for OAuth2/JWT authentication, role-based authorization, and item-level security.

With that foundation nailed down, we'll move on to the world of analytics, looking at the components most relevant to SQL Server. We'll spend a good deal of time with Microsoft Fabric, and see how we can query the data warehouse, build and explore the data lakehouse and perform real predictive analytics using nothing more than T-SQL. We'll also look at adjacent parts of Fabric, including Power BI, Apache Spark, data pipelines and dataflows. Then, back in the world of SQL Server itself, we'll see how to use batch mode, columnstore indexes, data virtualization and the T-SQL PREDICT command to do many of the same tasks.

Next, we'll hop back to the operational side and explore security features, starting with ledger tables. With ledger, SQL Server 2022 utilizes blockchain technology that hashes every transaction, and guarantees that none of your data has been tampered with. We'll continue by examining dynamic data masking and row-level security. We'll then dig into Always Encrypted and demonstrate how to leverage secure enclaves, enabling rich query over encrypted data in use.

SQL SERVER LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

You will learn:

- Coding tricks and tips, including T-SQL enhancements, machine learning with R and Python, and database endpoints with the new Data API Builder
- The SQL Server-relevant parts of Microsoft Fabric, and the analytics-relevant parts of SQL Server
- How T-SQL makes it predictive analytics easy, both on-premises and in the cloud
- SQL Server's newest security features, including ledger tables, Dynamic Data Masking, Row Level Security, and Always Encrypted with secure enclaves

SQF01

Workshop: Infrastructure as Code: DevSecOps for the SQL Server GUI DBA

Intermediate / Advanced

ALLAN HIRT

Friday, November 17, 8:00am - 5:00pm

Do you still install SQL Server by clicking next? Do you do most of your administration with GUI-based tools like SQL Server Management Studio and Failover Cluster Manager? Do PowerShell and Transact-SQL scare you?

If you answered "yes" to any of the questions above, this is the session for you. Coding is not just a task for developers. Infrastructure as Code (IaC) to automate is something anyone deploying, administering, and maintaining SQL Server (and its underlying operating system) should be doing today.

You will learn things such as:

1. How Transact-SQL is for more than just things like indexes
2. How to install SQL Server using native scripts
3. How to deploy features like Always On Availability Groups via Script
4. How third-party resources such as dbatools, Chef, Ansible, and more fit into the picture alongside what Microsoft provides with both Windows Server and SQL Server.

If you want to level up your day-to-day SQL Server deployment and administration game, sign up today.

You will learn:

- Native scripting in Windows Server, Linux, and SQL Server
- How to deploy SQL Server via script
- What third party utilities such as dbatools bring to the party

BUSINESS INTELLIGENCE, DATA WAREHOUSE AND DATA LAKE

Organizations are increasingly turning to SQL Server and related technologies to make better business decisions. SQL Server Live! presents great content to help you master the complex world of BI and analytics to help your organization get there. Coverage of Microsoft Fabric, Power BI, Purview, Azure Synapse, Azure Data Factory and Azure Databricks is included.

SQT02

Power BI Data Wrangling - Choosing the Best Feature for the Job

Introductory / Intermediate

ANGELA HENRY

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- How to clean and model multiple sources of data
- How to visualize and analyze data more effectively
- How to apply best practices in the Power BI ecosystem

SQT03

Fast Focus: Azure Synapse: Top Five Performance Killers

Introductory

AMY HEROLD

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- The importance of updating statistics and clustered columnstore indexes
- The distribution of data on disk vs. distribution of data at query time
- Common query design issues that can contribute to performance issues, including (but not limited to) overly complex queries, repetition of work, and subqueries

SQT04

Fast Focus: Five Ways to Increase the Accessibility of Your Power BI Reports

Intermediate

MEAGAN LONGORIA

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- About accessibility-specific features in Power BI Desktop
- How a screen reader interacts with Power BI
- How to use color for more accessible reports

SQT06

Fast Focus: Power BI Metrics: Managing KPIs and Scorecards for Yourself and Your Team

Introductory

ANDREW BRUST

Tuesday, November 14, 2:00 - 2:20pm

Want to learn how to get this working in your organization? Come to this Fast Focus session for your crash course.

You will learn:

- What KPIs and OKRs are, and when they're useful
- The basics of Power BI scorecarding and different types of scorecards
- How to build and deploy Power BI scorecards, and analyze their output

SQT07

Introduction to Azure Purview

Introductory

BRADLEY BALL AND NEERAJ JHAVERI

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- To evaluate if Microsoft Purview is the right choice for your data discovery & governance needs
- About data governance and asset discovery using Power BI and Microsoft Purview integration
- How to integrate Microsoft Purview with Azure Synapse Analytics

SQL SERVER LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

SQT08

Generative AI: Concepts, Tools, and Applications for Data Professionals

Intermediate

BUCK WOODY

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- The concepts of Generative AI
- How to apply various scenarios to using SQL Server Data and GPT
- How to create a sample application using SQL ML Services and Azure OpenAI

SQT10

Getting Started with Governance for Your Power BI Estate

Introductory / Intermediate

ANGELA HENRY

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- To understand benefits of Governance
- How to identify common Power BI governance issues
- How to address common Power BI governance issues

SQW01

When it Makes Sense to Incorporate Datamarts and Data flows in Power BI

Introductory / Intermediate

GINGER GRANT

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- To differentiate when you should use dataflows and datamarts in your organization and what benefits they provide to the data model
- How to create a dataflow and how to incorporate it into Power BI models
- What a datamart can provide and the use cases when it makes sense to create

SQW03

Troubleshooting Synapse Dedicated SQL Pools and Microsoft Fabric Data Warehouses

Advanced

STEVE WRIGHT

Wednesday, November 15, 9:30 - 10:45am

During this session, Senior Solutions Architect, Steve Wright be discussing the following:

- Learn about the MPP architecture and key components of Synapse Dedicated SQL Pools, laying the groundwork for troubleshooting.
- Identifying Performance Issues: Discover common performance bottlenecks that can hinder the effectiveness of your Synapse Dedicated SQL Pools implementation.
- Practical Solutions: Get actionable insights into resolving the identified issues. Learn about various options and strategies to optimize performance and make the most of your Synapse Dedicated SQL Pools setup.
- Introduce and discuss how these concepts compare and translate to Microsoft Fabric Data Warehouses.

SQW05

Azure Synapse vs Microsoft Fabric: Everything You Need to Know

Intermediate

AMY HEROLD

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- Review Azure Synapse concepts that make it different from writing queries against SQL Server, including control and compute nodes, distributions, and data skew
- Best practices for writing queries, including reviewing the distributed plan, log analytics, and ensuring statistics and clustered columnstore indexes are being maintained
- What to look for when troubleshooting a query, including large data movement operations, what part of our query could be at the root of the problem, and what solutions we can consider based on the table architecture, the code itself, and the re-distribution of data at query time

SQW07

DevOps in Power BI

Intermediate

GINGER GRANT

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- The steps and processes needed to add Power BI to Azure DevOps
- What is required from a licensing perspective in Power BI to implement Dev Ops and the options available in each
- What is required to incorporate development pipelines and how they are used in Power BI

SQW08

Intro to Databricks Unity Catalog for the SQL Server Developer

Introductory

MEAGAN LONGORIA

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- To define the term data lakehouse and compare with a database
- The features of Databricks Unity Catalog
- How to create and manage schemas in Unity Catalog

SQTH03

Microsoft Fabric: Defragmenting the Analytics Stack

Intermediate

ANDREW BRUST

Thursday, November 16, 9:30 - 10:45am

You will learn:

- Basic analytics concepts, including data lakes, columnar storage and dimensional analysis
- How Fabric combines elements of Azure services like Synapse Analytics, Data Factory, Event Hubs, Stream Analytics and Data Explorer with Power BI and open source technologies, and makes them all easier to use
- How analysts, data engineers and data scientists can collaborate on the same data, using their own toolchains and skillsets
- The economics of unified, SaaS-based analytics vs. specialized, PaaS-based solutions

SQL SERVER LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

SQTH05

Making the Leap from Reporting to Data Analysis

Intermediate

STACIA VARGA

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- The basic process of data analysis
- How to reveal and explore relationships in your data
- How to apply simple statistics to your data for deeper insights

SQTH07

Getting Your Story Straight with Data Visualizations

Introductory

STACIA VARGA

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- How telling a story is different from creating a report
- To explore the vocabulary and grammar of data visualization
- To evaluate the goal of your data story and choose appropriate visualizations

“THE CONFERENCE SPEAKERS ARE VERY APPROACHABLE, AND IT IS VERY EASY TO HAVE A ONE ON ONE CONVERSATION WITH THEM.”

– Tom Swanson, ITCertPro,
Live! 360 Orlando 2022 Attendee

SQL SERVER ADMINISTRATION & MAINTENANCE

Looking to brush up on SQL Server administration fundamentals? Are you a “reluctant DBA” charged with supporting SQL Server—and given no training? SQL Server Live! is here to help, with a complete selection of core maintenance topics: Modern Infrastructure Fundamentals for SQL Server, Azure Synapse: Top Five Performance Killers, Let’s Make Azure SQL FASTER, and more.

SQT05

Fast Focus: Azure Arc-enabled SQL Server

Intermediate

KAREN LOPEZ

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- About Azure ARC Enabled SQL Server
- How to get started
- Tips on using Azure ARC Enabled SQL Server

SQW06

Arc, Arc and Arc: De-mystifying Azure Arc for Data

Intermediate

BUCK WOODY

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- The various forms of Azure Arc for SQL Server
- How to select the proper architecture for Arc based on your needs
- How to implement Arc on premises and in Kubernetes

SQTH08

Modern Infrastructure Fundamentals for SQL Server

Intermediate

ALLAN HIRT

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- The modern infrastructure concepts for SQL Server
- How things like the cloud and hybrid change how infrastructure is approached
- Tips, tricks, and best practices for things like performance

SQL SERVER FEATURES & COMPONENTS

With sessions on Hands-On Lab: Security, Privacy and Compliance in Azure Data Platform, Database Design: SQL Server Datatypes, and Arc, Arc and Arc: De-mystifying Azure Arc for Data, we’ve got features and components covered across all platforms in the SQL Server technology family. Learn what’s new, along with the do’s and don’ts, from our experienced experts.

SQW04

SQL Server 2022 and the Wheel of Power

Introductory

KENDAL VAN DYKE AND ABDULLAH MAMUN

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- About Azure connectivity in SQL Server 2022
- About new features for developers in SQL Server 2022
- About new Intelligent Query Processing capabilities in SQL Server 2022

SQL SERVER LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

SQTH04

An Introduction to Azure SQL Edge: The Database Engine for the Internet of Things

Introductory

KENDAL VAN DYKE

Thursday, November 16, 9:30 - 10:45am

You will learn:

- What Azure SQL Edge is and how to use it for working with data generated by IoT devices
- About the built in ML and streaming capabilities in Azure SQL Edge
- How to deploy Azure SQL Edge

SQTH06

What's New with Azure Data Factory

Introductory / Intermediate

JOSH LUEDEMAN

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- What the Azure Data Factory service is used for
- The right and wrong use cases for Azure Data Factory
- To deploy Data Factory in their environment

SQL SERVER FOR DEVELOPERS

Developers have an incredible amount of impact on database application performance, and SQL Server Live! shines a spotlight to help developers deliver more. From topics like SQL Server/Azure SQL privacy and security features and using REST APIs from T-SQL, as well as a full-day SQL Server Developer Dive workshop, there's plenty of content to keep you busy—or to supplement your Visual Studio Live! agenda.

SQT01

A Database Designers Favorite Security and Privacy Features in SQL Server/Azure DB

Intermediate

KAREN LOPEZ

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- The pros and cons of implementing each feature
- How implementing these new features may impact existing applications
- 10 tips for enhancing SQL Server security and privacy protections

SQTH02

Using REST APIs from within TSQL

Intermediate

JOSH LUEDEMAN

Thursday, November 16, 8:00 - 9:15am

You will learn:

- How to configure and execute TSQL to call REST API endpoints
- What is the right use case for this feature, versus the wrong use case.
- Real world examples of how to use this feature in their environment when the attendee walks out of the session

SQL SERVER PERFORMANCE TUNING AND OPTIMIZATION

Get the most from SQL Server—even if it's hosting a third-party application database. Learn the insider tricks to performance tuning and indexing internals, and even learn about Performance Tuning SQL Server using Wait Statistics. SQL Server Live! helps you maximize your SQL Server investment.

SQT09

Let's Make Azure SQL FASTER

Introductory / Intermediate

BRADLEY BALL

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- How Azure SQL Database Tiers affect CPU, Memory, IOPs, & Networking performance
- How Azure SQL Managed Instances Tiers affect CPU, Memory, IOPs, & Networking
- How SQL Server on Azure Virtual Machines Tiers & versions affect CPU, Memory, IOPs, & Networking

SQW02

Database Design: SQL Server Datatypes

Introductory / Intermediate

THOMAS LAROCK

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- About datatypes
- About choosing correct datatypes
- How to fix bad decisions

SQTH01

Performance Tuning SQL Server using Wait Statistics

Introductory / Intermediate

THOMAS LAROCK

Thursday, November 16, 8:00 - 9:15am

You will learn:

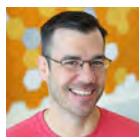
- About Query processing tasks
- About Query wait events
- About performance tuning and troubleshooting

SQL SERVER LIVE! SPEAKERS

CONFERENCE CHAIRS



Andrew Brust
CEO and Founder,
Blue Badge Insights
SQL Server Live! Conference
Co-Chair



Thomas LaRock
Principal Developer
Evangelist, Selector Software
SQL Server Live! Conference
Co-Chair

SPEAKERS



Bradley Ball
Premier Sr. Consultant, Premier
Support for Developers,
Microsoft



Andrew Brust
CEO and Founder,
Blue Badge Insights



Ginger Grant
Principal Data Geek,
Desert Isle Group



Angela Henry
Data Platform MVP



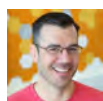
Amy Herold
Sr. Cloud Solution
Architect-Engineering,
Microsoft



Allan Hirt
Founder and Managing
Partner, SQLHA, LLC



Neeraj Jhaveri
Sr. Engineer, Microsoft



Thomas LaRock
Principal Developer Evangelist,
Selector Software



Leonard Lobel
CTO, Sleek Technologies, Inc.



Meagan Longoria
Data & Analytics Consultant



Karen Lopez
Data Evangelist, Space
Enthusiast, & NASA Datanaut



Josh Luedeman
Sr. FastTrack Engineer,
Azure Engineering – CXP,
Microsoft



Abdullah Mamun
Program Manager at Microsoft
SQL Server Storage Engine



Kendal Van Dyke
Senior Program Manager,
SQL Server, Microsoft



Stacia Varga
Consultant, Educator,
and Author



Buck Woody
Applied Data Scientist,
Azure Data Services Team,
Microsoft



Steve Wright
Senior Database
Solutions Architect,
Solarwinds



TECHMENTOR

IN-DEPTH TRAINING FOR IT PROS

AGENDA-AT-A-GLANCE

Client and Endpoint Management		PowerShell and DevOps	Infrastructure	Soft Skills for IT Pros	Security	Azure (Public/Hybrid)	Office 365 for the IT Pro
START TIME	END TIME	TechMentor Pre-Conference Hands-On Labs: Sunday, November 12, 2023					
7:00 AM	9:00 AM	Registration • Coffee and Morning Pastries					
9:00 AM	6:00 PM	TMHOL01 Hands-On Lab: PowerShell 101/102 - Beginner and Intermediate Concepts All IT Pro's Should Know - Jeff Hicks					
2:00 PM	7:00 PM	Pre-Conference Registration - Royal Pacific Resort Conference Center					
START TIME	END TIME	TechMentor Pre-Conference Workshops: Monday, November 13, 2023					
7:00 AM	8:30 AM	Registration • Coffee and Morning Pastries					
8:30 AM	5:30 PM	TMM01 Workshop: Get Away from GPO with Intune - Jan Ketil Skanke				TMM02 Workshop: How to Learn Azure, the AZ-900 and Beyond - Travis Roberts	
6:30 PM	8:00 PM	Mix & Mingle @ Hard Rock Café Universal CityWalk					
START TIME	END TIME	TechMentor Day 1: Tuesday, November 14, 2023					
7:00 AM	8:00 AM	Registration • Coffee and Morning Pastries					
8:00 AM	9:00 AM	TECHMENTOR KEYNOTE: The Digital Transformation Journey - Embracing Innovation and Agility with Microsoft Technologies Stephen L. Rose, IT Pro Consultant					
9:15 AM	10:30 AM	TMT01 Using ChatGPT as an IT Pro: Cool Tips and Infrastructure Prompts! - Émile Cabot		TMT02 Finding Needles - Better EventLog Management with PowerShell - Jeff Hicks		TMT03 Securing Identities in M365 - Jan Ketil Skanke	
10:30 AM	11:00 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7					
11:00 AM	12:00 PM	LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team Brian Randell, Product Marketing Director, GitHub					
12:00 PM	12:45 PM	Lunch - Oceana Ballroom • Visit the EXPO Lounge - Pacifica 7					
12:45 PM	1:30 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7					
1:30 PM	1:50 PM	TMT04 Fast Focus: Troubleshooting Subscription Based Activation - Jörgen Nilsson				TMT05 Fast Focus: Best Tips on How to Become a Great Leader in a New Position - Omar Valerio	
2:00 PM	2:20 PM	TMT06 Fast Focus: Windows 11 Benefits for End Users - Panu Saukko				TMT07 Fast Focus: The Future of Education Using Microsoft Tools - Omar Valerio	
2:20 PM	2:45 PM	Networking Break • Visit the EXPO Lounge - Pacifica 7					

Sessions and speakers subject to change.

 Microsoft Sessions

AGENDA-AT-A-GLANCE *(continued)*

Client and Endpoint Management	PowerShell and DevOps	Infrastructure	Soft Skills for IT Pros	Security	Azure (Public/Hybrid)	Office 365 for the IT Pro
START TIME	END TIME	TechMentor Day 1: Tuesday, November 14, 2023 (Continued)				
2:45 PM	4:00 PM	TMT08 Maximizing Productivity with Microsoft 365: Unlocking the Potential of Your Team - <i>Stephen Rose</i>	TMT09 Managing Active Directory with PowerShell - <i>Jeff Hicks</i>		TMT10 Intune Reporting – Kusto FTW - <i>Jan Ketil Skanke</i>	
4:15 PM	5:30 PM	TMT11 Building a More Threat Resistant Windows Client - <i>Jörgen Nilsson & Stefan Schörling</i>	TMT12 Administratively Customize Microsoft Teams to our Environment - <i>Karinne Bessette</i>		TMT13 Automate the Boring Stuff with Azure Automation - <i>Travis Roberts</i>	
5:30 PM	7:00 PM	Exhibitor Welcome Reception - <i>Pacifica 7</i>				
START TIME	END TIME	TechMentor Day 2: Wednesday, November 15, 2023				
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries				
8:00 AM	9:15 AM	TMW01 The Pros and Cons of Autopilot in the Field - <i>Émile Cabot</i>	TMW02 Step into Azure Storage on Secure Footing - <i>Karinne Bessette</i>		TMW03 Microsoft Lists - Taking It to the Next Level - <i>Stacy Deere-Strole</i>	
9:30 AM	10:45 AM	TMW04 Hybrid Active Directory Attacks: Anatomy and Defenses - <i>Derek Melber</i>	TMW05 PowerShell Tools and Techniques - Basics for IT Pros, Not Devs - <i>John O'Neill Sr.</i>		TMW06 The Art of Log Collection - Navigating the Many Paths to Log Analytics - <i>Jan Ketil Skanke</i>	
10:45 AM	11:30 AM	Networking Break • Visit the EXPO Lounge - <i>Pacifica 7</i>				
11:30 AM	12:30 PM	LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization <i>Rajeev Kapur, CEO & Chief AI Officer, 1105 Media, Inc.</i>				
12:30 PM	1:30 PM	Table Topics Lunch - <i>Oceana Ballroom</i>				
1:30 PM	2:00 PM	Dessert Break • Visit the EXPO Lounge - <i>Pacifica 7</i>				
2:00 PM	3:15 PM	TMW07 The Future of Hybrid Work: Building a Resilient Workforce with Microsoft Tools - <i>Stephen L. Rose</i>	TMW08 Managing Your Risk of Vulnerabilities with MDE and a Proper Patching Strategy - <i>Jörgen Nilsson & Stefan Schörling</i>		TMW09 Present Like a Professional: 25 Years of Tips and Tricks - <i>Derek Melber</i>	
3:15 PM	4:00 PM	Networking Break • Visit the EXPO Lounge • Expo Raffle @ 3:30 p.m. - <i>Pacifica 7</i>				
4:00 PM	5:15 PM	TMW10 Getting Started with Azure Backup and Azure Site Recover - <i>Travis Roberts</i>	TMW11 Strengthening Conditional Access: Best Practices for Security in 2023 - <i>Emile Cabot</i>		TMW12 Tips & Tricks in M365 - <i>Stacy Deere-Strole</i>	
7:30 PM	9:00 PM	Live! 360 Dessert Luau - <i>Wantilan Pavilion</i>				

Sessions and speakers subject to change.

 Microsoft Sessions

AGENDA-AT-A-GLANCE *(continued)*

Client and Endpoint Management		PowerShell and DevOps	Infrastructure	Soft Skills for IT Pros	Security	Azure (Public/Hybrid)	Office 365 for the IT Pro
START TIME	END TIME	TechMentor Day 3: Thursday, November 16, 2023					
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries					
8:00 AM	9:15 AM	TMH01 How to Use PowerShell to Become a Windows and Cloud Management Superhero - 2023 Edition - Petri Paavola		TMH02 What is Intune Suite and Do You Need It? - Panu Saukko		TMH03 75 Life Hacks of Windows in 75 Minutes - Sami Laiho	
9:30 AM	10:45 AM	TMH04 Inside Windows Autopilot - Michael Niehaus		TMH05 Become a Better Presenter and Speaker with the Help of Microsoft 365 Apps - Heather Severino		TMH06 What is a Fabric and Why Do I Need It? - Dave Kawula and Cristal Kawula	
11:00 AM	12:00 PM	TECHMENTOR PANEL DISCUSSION: Operationalizing the Cloud - Strategies and Best Practices for Seamless Cloud Integration in Your Organization Dave Kawula [moderator], Émile Cabot, Michael Niehaus, & Jan Ketil Skanke					
12:00 PM	1:00 PM	Live! 360 DJ Lunch					
1:00 PM	2:15 PM	TMH07 What's New in Windows 11 - Michael Niehaus		TMH08 Plan and Communicate Together with Microsoft Loop, a New Collaborative Canvas - Heather Severino		TMH09 The Code You are Getting Online has Security Issues - Scott Norberg	
2:30 PM	3:45 PM	TMH10 Every PowerShell Script in the World is This Simple: Get -> Filter -> Foreach - Petri Paavola		TMH11 What's New in Windows Enterprise Application Management? - Panu Saukko		TMH12 Protecting the Castle: Secure Foundations for and with Microsoft 365 - Michael Van Horenbeeck	
4:00 PM	5:00 PM	Next? Live! 360 Networking Event					
START TIME	END TIME	TechMentor Post-Conference Workshops: Friday, November 17, 2023					
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries					
8:00 AM	5:00 PM	TMF01 Workshop: Modern Management - Windows Autopilot and Intune Advanced Workshop - Petri Paavola					

TECHMENTOR SESSION DESCRIPTIONS BY TRACK



FULL DAY HANDS-ON LABS

These instructor-led, pre-conference Hands-On Labs offer attendees intensive in-depth training before the conference officially begins. Take advantage of in-person instruction as well as collaboration with peers.

Attendance for each Hands-On Lab is limited, so be sure to sign up early for these special bring your own laptop pre-conference HOLs.

TMHOL01

Hands-On Lab: PowerShell 101/102 - Beginner and Intermediate Concepts All IT Pro's Should Know

Introductory/Intermediate

JEFF HICKS

Sunday, November 12, 9:00am - 6:00pm

Join MVP Jeff Hicks for an immersive and interactive hands-on lab workshop at TechMentor Orlando 2023. This interactive lecture/lab is designed to provide IT professionals with a solid foundation in PowerShell, covering both beginner and intermediate concepts. Whether you're new to PowerShell or looking to enhance your skills, this lab will equip you with essential knowledge and practical experience to leverage the power of PowerShell in your daily tasks.

You will learn:

- A fundamental understanding of PowerShell, including its core components and syntax.
- How to perform common administrative tasks using PowerShell, such as managing files and folders, querying system information, and working with registry entries.
- Explore intermediate PowerShell concepts, including scripting, functions, error handling, and module management

Attendee Requirements:

You must provide your own laptop computer (Windows or Mac) for this hands-on lab with PowerShell installed. The lab will consist of hands-on exercises, allowing attendees to practice and reinforce their understanding of PowerShell concepts.



WORKSHOPS

Choose from a wide range of content and topics by expert presenters with Visual Studio Live! Orlando's Pre- and Post-Conference full-day workshops.

TMM01

Workshop: Get Away from GPO with Intune

Intermediate

JAN KETIL SKANKE

Monday, November 13, 8:30am - 5:30pm

Module 1: Intro to Microsoft Intune

- Azure AD vs Hybrid AD Joined
- Enrollment / Groups / Targeting

Module 2: Configuring Windows with Intune

- Device Configuration Profiles, Templates, and the Settings Catalog
- ADMX backed policies

Module 3: Endpoint Security features

- Bitlocker
- Antivirus and Firewall
- Privileged Endpoint management

Module 4: Scripting in Intune (Close the gap)

- PowerShell Scripts
- Proactive Remediations

You will learn:

- How to get started on the cloud journey for endpoint mgmt.
- Understand the shift from GPO to Cloud MGMT
- How to configure and secure your devices in Intune

TMM02

Workshop: How to Learn Azure, the AZ-900 and Beyond

Introductory

TRAVIS ROBERTS

Monday, November 13, 8:30am - 5:30pm

Are you new to IT and not sure where to start with Azure? Or maybe you're experienced with on-premises environments and don't want to be left behind as services move to the cloud. If so, this session is for you. This session is based on the AZ-900 curriculum, taken a step further. We cover the basics; core concepts you need to know to start your journey in Azure. We also explore free and premium learning options to further your knowledge, such as running a lab in Azure while staying in-budget. Next, we look at the role certifications play in learning Azure and if they're worth it. Along the way, I share my lessons learned on creating a lab, studying for certifications, and saving money on cloud services.

You will learn:

- Concepts required to pass the AZ-900, Microsoft Azure Fundamentals exam
- The role certifications play in your learning journey
- Options for creating a lab in Azure

TMF01

Workshop: Modern Management - Windows Autopilot and Intune Advanced Workshop

Intermediate / Advanced

PETRI PAAVOLA

Friday, November 17, 8:00am - 5:00pm

You asked here it is. In this workshop we assume Windows Autopilot and Intune basics are already known. We'll fly through basics quickly and then continue with more advanced scenarios.

In this workshop we will configure Windows Autopilot and Intune environment with more advanced scenarios. We will go through application deployment, configuration management, reporting, PowerShell management and troubleshooting.

Petri will share his tips and tricks from years of experience working with these technologies.

End result is working environment with apps and configurations.

Come and get new ideas for your own environment.

You will learn:

- Windows Autopilot advanced tips and tricks
- Intune app management and configurations advanced tips and tricks
- Intune reporting and troubleshooting advanced tips and tricks

TECHMENTOR SESSION DESCRIPTIONS BY TRACK *(continued)*

CLIENT AND ENDPOINT MANAGEMENT

In this track, participants will explore the client and endpoint management world, focusing on the tools and techniques necessary to manage and secure end-user devices efficiently. Topics covered include operating system deployment, application deployment and management, patch management, device configuration, and troubleshooting. In addition, participants will gain hands-on experience with industry-standard tools and best practices to manage client devices in a corporate environment effectively. By the end of this track, participants will be equipped with the skills and knowledge to streamline endpoint management and enhance user productivity.

TMT06

Fast Focus: Windows 11 Benefits for End Users

Intermediate

PANU SAUKKO

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- Main Windows 11 benefits for users
- Improvements in built-in applications
- What Windows 11 features might confuse users

TMT10

Intune Reporting – Kusto FTW

Advanced

JAN KETIL SKANKE

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- How to get started using KQL
- How to enhance your Intune reports with custom data
- How to build reporting workbooks

TMW01

The Pros and Cons of Autopilot in the Field

Intermediate

ÉMILE CABOT

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- Understand what works and what doesn't when integrating Autopilot
- Learn from the mistakes of others while planning your desktop migration strategy
- Gain tips and tricks about implementing Autopilot in the real world

TMH02

What is Intune Suite and Do You Need It?

Intermediate

PANU SAUKKO

Thursday, November 16, 8:00 - 9:15am

You will learn:

- About the main features of Intune Suite
- About the required steps to implement features
- Multiple demos about the different features

TMH03

75 Life Hacks of Windows in 75 Minutes

Intermediate

SAMI LAIHO

Thursday, November 16, 8:00 - 9:15am

You will learn:

- Hidden easter eggs in Windows
- How to make your life easier with Windows
- How to save time on common tasks

TMH04

Inside Windows Autopilot

Advanced

MICHAEL NIEHAUS

Thursday, November 16, 9:30 - 10:45am

You will learn:

- How Autopilot works
- How to troubleshoot when something goes wrong
- The boundaries between Azure AD, MDM, and Autopilot

TMH07

What's New in Windows 11

Intermediate

MICHAEL NIEHAUS

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- About changes in Windows 11
- Understand when you should deploy
- See how Windows as a service has changed

TMH11

What's New in Windows Enterprise Application Management?

Intermediate

PANU SAUKKO

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- The current status of ConfigMgr/Intune app management features
- What is WinGet and how to use it
- The features of Advanced app management

TMH12

Protecting the Castle: Secure Foundations for and with Microsoft 365

Advanced

MICHAEL VAN HORENBEECK

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- What are the top tips to secure your tenant and, by extension, your environment
- Why do these proposed security elements matter? What is the risk associated with not doing them?
- How a balanced approach to security helps increase the security posture of your environment.

TECHMENTOR SESSION DESCRIPTIONS BY TRACK *(continued)*

POWERSHELL AND DEVOPS

This track is designed to give participants a comprehensive understanding of PowerShell scripting and its application in a DevOps environment. Participants will learn the fundamentals of PowerShell, including scripting, automation, and module development. In addition, the track will cover topics such as version control, continuous integration and delivery, infrastructure as code, and configuration management. Finally, participants will engage in hands-on exercises, real-world scenarios, and collaborative projects to develop their PowerShell and DevOps skills. Upon completing this track, participants can leverage PowerShell to automate tasks, streamline processes, and enhance efficiency in their IT operations.

TMT02

Finding Needles - Better Event Log Management with PowerShell

Introductory/Intermediate

JEFFERY HICKS

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- How to write efficient event log queries
- How to effectively scale searching across the enterprise
- How to use event subscribers

TMT09

Managing Active Directory with PowerShell

Introductory/Intermediate

JEFF HICKS

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- How to manage Active Directory user accounts with PowerShell
- How to manage Active Directory groups with PowerShell
- How to create reports based on Active Directory

TMW05

PowerShell Tools and Techniques Basics for IT Pros, Not Devs

Introductory

JOHN O'NEILL SR

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- Three foundation concepts empowering all IT Pros to leverage PowerShell
- Tools for speeding up PowerShell use
- Turning one-liners into functions and functions into modules

TMH01

How to Use PowerShell to Become a Windows and Cloud Management Superhero - 2023 Edition

Advanced

PETRI PAAVOLA

Thursday, November 16, 8:00 - 9:15am

You will learn:

- PowerShell helper functions which will help you PowerShell and Graph API coding
- How to create PowerShell scripts for Graph API
- See real life examples and ideas which you can use back at work

TMH10

Every PowerShell Script in the World is This Simple: Get -> Filter -> Foreach

Intermediate

PETRI PAAVOLA

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- That PowerShell scripts are usually quite simple in the end
- To think big and then get back to code
- Petri's tips for creating more advanced scripts

INFRASTRUCTURE

In this track, participants will dive into infrastructure management, covering the essential components and best practices for designing, deploying, and managing robust IT infrastructures. Topics covered include network architecture, virtualization, storage solutions, server administration, and high availability. In addition, participants will gain hands-on experience with industry-leading technologies and tools through practical exercises and simulations. By the end of this track, participants will possess the skills and knowledge required to build and maintain scalable, resilient, and secure IT infrastructures.

TMT07

Fast Focus: The Future of Education Using Microsoft Tools

Introductory

OMAR VALERIO

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- How to create an educational profile in Microsoft Learn
- Understand how to use the different modules within the tool
- Earn badges and certificates to use towards Teacher Certification

TMW04

Building Real World Labs in Azure

Introductory/Intermediate

ÉMILE CABOT AND DAVE KAWULA

Wednesday, November 15, 9:30 - 10:45am

TECHMENTOR SESSION DESCRIPTIONS BY TRACK *(continued)*

You will learn:

- The fundamentals of PowerShell automation and its application in deploying and managing Azure resources
- Explore the concept of nested Azure VMs and learn how to create and configure complex lab environments within a single Azure subscription
- Gain hands-on experience in building labs on personal laptops, enabling continued learning and exploration of Azure capabilities outside of the session

TMH06

What is a Fabric and Why Do I Need It?

Introductory/Intermediate

DAVE KAWULA AND CRISTAL KAWULA

Thursday, November 16, 9:30 - 10:45am

You will learn:

- The concept of a fabric and its role in securing key infrastructure
- How to identify and analyze common cyber security threats faced by organizations
- The advantages and significance of moving critical infrastructure to a secured fabric environment

SOFT SKILLS FOR IT PROS

This track focuses on developing the essential soft skills required for success as an IT professional. Participants will explore effective communication, problem-solving, time management, and collaboration techniques. In addition, the track will cover topics such as customer service, conflict resolution, project management, and leadership skills. Through interactive workshops, group discussions, and role-playing exercises, participants will enhance their interpersonal skills and gain insights into managing stakeholders, working effectively in teams, and delivering exceptional IT services. This track aims to equip participants with the non-technical skills necessary to thrive in their IT careers.

TMT05

Fast Focus: Best Tips on How to Become a Great Leader in a New Position

Intermediate

OMAR VALERIO

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- An understanding of your Infrastructure
- Be able to start developing a Cybersecurity Assessment
- Understanding of Policies and different types of malware

TMW09

Present Like a Professional: 25 Years of Tips and Tricks

Introductory

DEREK MELBER

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- How to build your content for easy delivery
- What not to say and what do you always want to say
- What you can do to capture and keep the audience's attention

TMH05

Become a Better Presenter and Speaker with the Help of Microsoft 365 Apps

Introductory/Intermediate

HEATHER SEVERINO

Thursday, November 16, 9:30 - 10:45am

You will learn:

- To be more confident with your public speaking abilities
- To create more visually appealing PowerPoint presentations
- Engage and interact with Microsoft Teams meeting participants

SECURITY

This track delves into the critical field of cybersecurity, equipping participants with the knowledge and skills to protect organizations from evolving threats. Participants will explore security frameworks, risk management strategies, threat intelligence, and incident response. In addition, the track will cover topics such as network security, vulnerability management, identity and access management, and data protection. Through practical exercises, simulations, and case studies, participants will develop hands-on skills to mitigate security risks, implement security controls, and respond effectively to security incidents.

TMT03

Securing Identities in M365

Advanced

JAN KETIL SKANKE

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- How to secure your identities in M365
- About authentication methods and authentication strength
- Start your journey to passwordless

TMT11

Building a More Threat Resistant Windows Client

Intermediate/Advanced

JÖRGEN NILSSON & STEFAN SCHÖRLING

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- Harden client
- Deployment tips for security features
- Real world examples

TECHMENTOR SESSION DESCRIPTIONS BY TRACK *(continued)*

TMW08

Managing Your Risk of Vulnerabilities with MDE and a Proper Patching Strategy

Intermediate/Advanced

JÖRGEN NILSSON & STEFAN SCHÖRLING

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- Use the full Power of MDE/TVM
- Patching strategy
- 3rd party patching

TMW11

Strengthening Conditional Access: Best Practices for Security in 2023

Intermediate

ÉMILE CABOT

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- About the role Conditional Access plays in the threat protection landscape
- The core policies that we recommend be implemented in practically every organization and why they are important
- Insight into the recommended order and method to integrate CA policies without causing a burden on your service desk

TMH09

The Code You are Getting Online has Security Issues

Introductory/Intermediate

SCOTT NORBERG

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- About defensive coding and how to spot lack of defensive coding in examples found online
- About layered security and how layered security is often ignored in coding examples online
- Where and how to scrutinize auto-generated code in Visual Studio

AZURE (PUBLIC/HYBRID)

In this track, participants will delve into the world of Microsoft Azure, gaining a deep understanding of its capabilities and how to leverage them in both public and hybrid cloud environments. Participants will learn about Azure architecture, virtual machines, storage, networking, security, and automation. The track will also cover Azure resource management, monitoring, and cost optimization topics. Through hands-on labs, practical exercises, and real-world scenarios, participants will develop the skills to design, deploy, and manage Azure infrastructure effectively, enabling organizations to harness the power of the cloud for their IT needs.

TMT01

Using ChatGPT as an IT Pro: Cool Tips and Infrastructure Prompts!

Advanced

ÉMILE CABOT

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- Some of the ways we've come to use GPT in the past year
- Valuable knowledge about how we can leverage the tool for technical purposes
- About prompt engineering in a technical capacity

TMT04

Fast Focus: Troubleshooting Subscription Based Activation

Advanced

JÖRGEN NILSSON

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- Troubleshoot subscription-based activation
- Monitor Windows Activation
- How to configure conditional access to work

TMT13

Automate the Boring Stuff with Azure Automation

Intermediate

TRAVIS ROBERTS

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- What Azure Automation is and how to deploy it
- How to create and run runbooks with schedules and webhooks
- How to use Hybrid Workers to run scripts on-premises

TMW02

Step into Azure Storage on Secure Footing

Introductory

KARINNE BESSETTE

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- Some storage and security best practices
- Navigate storage interfaces and monitoring more efficiently
- Some free ways to monitor and secure your environment with some live demos

TMW06

The Art of Log Collection - Navigating the Many Paths to Log Analytics

Advanced

JAN KETIL SKANKE

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- How to collect data
- Secure data collection

TECHMENTOR SESSION DESCRIPTIONS BY TRACK *(continued)*

TMW10

Getting Started with Azure Backup and Azure Site Recover

Introductory

TRAVIS ROBERTS

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- The difference between Azure Backup and Azure Site Recovery
- How to configure each to protect your environment
- How to verify the data we protect is protected

OFFICE 365 FOR IT PROS

This track focuses on the comprehensive management and administration of Microsoft Office 365, covering the key components and features essential for IT professionals. Participants will explore Exchange Online, SharePoint Online, Microsoft Teams, OneDrive for Business, and Microsoft 365 security and compliance. The track will provide hands-on experience with Office 365 administration tools, configuration settings, and best practices. Participants will learn how to efficiently provision and manage user accounts, configure email services, collaborate and share documents, and ensure data security and compliance within the Office 365 environment. Through practical exercises, case studies, and real-world scenarios, participants will develop the skills to effectively support and optimize Office 365 deployments, empowering organizations to maximize their productivity and collaboration capabilities. By the end of this track, participants will be equipped with the knowledge and expertise to manage Office 365 for their organizations effectively.

TMT08

Maximizing Productivity with Microsoft 365: Unlocking the Potential of Your Team

Intermediate

STEPHEN L. ROSE

Tuesday, November 14, 2:45 - 4:00pm

There are just 4 key secrets to creating a truly productive and collaborative environment for your team to work in. In this session, we will share what those are and discuss new trends and expectations.

TMT12

Administratively Customize Microsoft Teams to our Environment

Introductory

KARINNE BESSETTE

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- Take a first-hand look at the Microsoft Teams Admin center with Live demos
- How to modify the user experience to fit their job role
- Dive into some of the monitoring and compliance aspects available in Microsoft Teams Admin center

TMW03

Microsoft Lists - Taking It to the Next Level

Introductory/Intermediate

STACY DEERE-STROLE

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- Importing Excel
- Power Automate Templates & Integration
- Metadata & Content Types

TMW07

The Future of Hybrid Work: Building a Resilient Workforce with Microsoft Tools

Introductory/Intermediate

STEPHEN L. ROSE

Wednesday, November 15, 2:00 - 3:15pm

In this session we will look at how Microsoft 365, the Viva suite of tools, Power Platform automation, and collaboration platforms are not only changing how we work, but allowing users to focus on what is important rather than repetitive workflows.

TMW12

Tips & Tricks in M365

Introductory/Intermediate

STACY DEERE-STROLE

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- Quick Wins
- User Engagement
- Streamline Processing

TMH08

Plan and Communicate Together with Microsoft Loop, a New Collaborative Canvas

Introductory/Intermediate

HEATHER SEVERINO

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- Communicate with flexible Loop components in Microsoft Teams
- Communicate with flexible Loop components in Microsoft Outlook
- Working with Loop canvases across other Microsoft 365 apps

TECHMENTOR SPEAKERS

CONFERENCE CHAIRS

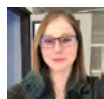


Sami Laiho
Chief Research Officer,
Adminize
TechMentor Conference
Co-Chair



Dave Kawula
Principal Consultant,
TriCon Elite Consulting
TechMentor Conference
Co-Chair

SPEAKERS



Karinne Bessette
Technologist, Product Strategy
Team, Veeam



Émile Cabot
Principal Consultant,
TriCon Elite Consulting



Stacy Deere-Strole
Solutions Architect, Focal Point
Solutions LLC



Jeffery Hicks
PowerShell Author, Teacher,
Mentor



Cristal Kawula
President,
TriCon Elite Consulting



Dave Kawula
Principal Consultant,
TriCon Elite Consulting



Sami Laiho
Chief Research Officer,
Adminize



Derek Melber
VP of Product Engagement
& Outreach, QOMPLX



Michael Niehaus
Principal R&D Engineer,
Tanium



Jörgen Nilsson
Principal Consultant, Onevinn



Scott Norberg
President and Founder,
Opperis Technologies



John O'Neill, Sr.
Chief Technologist,
AWS Solutions



Petri Paavola
Yodamiitti Oy



Travis Roberts
IT Consultant, Blogger and
Enthusiast



Stephen Rose
Chief Technology Strategist,
Petri IT / Owner,
stephenrose.com consulting



Panu Saukko
ProTrainIT Oy,
MVP - Enterprise Mobility



Stefan Schörling
Cloud Security and Infra Geek
- Onevinn AB



Heather Severino
Founder, TeachUTech



Jan Ketil Skanke
MVP Enterprise Mobility,
MVP Security, Partner,
CloudWay



Omar Valerio
CIO / CTO / IT Director,
Westminster Christian School




**Michael
Van Horenbeeck**
CEO and Sr. Architect,
The Collective

Artificial Intelligence[®] LIVE!

AI FOR DEVELOPERS AND DATA SCIENTISTS




AGENDA-AT-A-GLANCE

AI Application Development		Generative AI		Responsible and Ethical AI		Vision and Image	
START TIME	END TIME	Artificial Intelligence Live! Pre-Conference Hands-On Labs: Sunday, November 12, 2023					
7:00 AM	9:00 AM	Registration • Coffee and Morning Pastries					
9:00 AM	6:00 PM	AIHOL01 2-Day Hands-On Lab: Elevate Your Career with Python and AI - A Hands-On Lab - Eric D. Boyd					
2:00 PM	7:00 PM	Pre-Conference Registration - Royal Pacific Resort Conference Center					
START TIME	END TIME	Artificial Intelligence Live! Pre-Conference Workshops: Monday, November 13, 2023					
7:00 AM	8:30 AM	Registration • Coffee and Morning Pastries					
8:30 AM	5:30 PM	AIHOL01 2-Day Hands-On Lab Continued: Elevate Your Career with Python and AI - A Hands-On Lab - Eric D. Boyd			AIM01 Workshop: Azure Open AI Master Class - Prashant G Bhoyar & Andreas Erben		
6:30 PM	8:00 PM	Mix & Mingle @ Hard Rock Café Universal CityWalk					
START TIME	END TIME	Artificial Intelligence Live! Day 1: Tuesday, November 14, 2023					
7:00 AM	8:00 AM	Registration • Coffee and Morning Pastries					
8:00 AM	9:00 AM	 SQL SERVER LIVE! KEYNOTE & ARTIFICIAL INTELLIGENCE LIVE! KEYNOTE: The Age of AI for the Data Professional Buck Woody, Applied Data Scientist, Azure Data Services Team, Microsoft					
9:15 AM	10:30 AM	AIT01 Unveiling the Power of ChatGPT and Large Language Models: A Comprehensive Guide - Brian Randell					
10:30 AM	11:00 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7					
11:00 AM	12:00 PM	LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team Brian Randell, Product Marketing Director, GitHub					
12:00 PM	12:45 PM	Lunch - Oceana Ballroom • Visit the EXPO Lounge - Pacifica 7					
12:45 PM	1:30 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7					
1:30 PM	1:50 PM	AIT02 Fast Focus: Azure OpenAI in the Heart of Your Smart Bot - Veronika Kolesnikova					
2:00 PM	2:20 PM	AIT03 Fast Focus: Inside Azure OpenAI Service - Eric D. Boyd					
2:20 PM	2:45 PM	Networking Break • Visit the EXPO Lounge - Pacifica 7					
2:45 PM	4:00 PM	AIT04 Azure OpenAI vs OpenAI Services - Prashant G Bhoyar					
4:15 PM	5:30 PM	AIT05 Increase Organizational Productivity using Azure Open AI, AI Builder, Syntex, & Cognitive Services - Prashant G Bhoyar					
5:30 PM	7:00 PM	Exhibitor Welcome Reception - Pacifica 7					

Sessions and speakers subject to change.

 Microsoft Sessions

AGENDA-AT-A-GLANCE *(continued)*

AI Application Development		Generative AI	Responsible and Ethical AI	Vision and Image
START TIME	END TIME	Artificial Intelligence Live! Day 2: Wednesday, November 15, 2023		
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries		
8:00 AM	9:15 AM	AIW01  Use OpenAI, Azure SQL, Python, LangChain, & VS Code to UNLOCK INSIGHTS About YOUR Data! - <i>Bradley Ball</i>		
9:30 AM	10:45 AM	AIW02 Machine Learning for .NET developers - <i>Veronika Kolesnikova</i>		
10:45 AM	11:30 AM	Networking Break • Visit the EXPO Lounge - <i>Pacifica 7</i>		
11:30 AM	12:30 PM	LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization <i>Rajeev Kapur, CEO & Chief AI Officer, 1105 Media, Inc.</i>		
12:30 PM	1:30 PM	Table Topics Lunch - <i>Oceana Ballroom</i>		
1:30 PM	2:00 PM	Dessert Break • Visit the EXPO Lounge - <i>Pacifica 7</i>		
2:00 PM	3:15 PM	AIW03 AI-Powered Reports: Transforming Power BI Insights - <i>Priscilla Camp</i>		
3:15 PM	4:00 PM	Networking Break • Visit the EXPO Lounge • Expo Raffle @ 3:30 p.m. - <i>Pacifica 7</i>		
4:00 PM	5:15 PM	AIW04 AI Driven Image Generation - <i>Andreas Erben</i>		
7:30 PM	9:00 PM	Live! 360 Dessert Luau - <i>Wantilan Pavilion</i>		

Sessions and speakers subject to change.

 Microsoft Sessions



AGENDA-AT-A-GLANCE *(continued)*

AI Application Development		Generative AI	Responsible and Ethical AI	Vision and Image
START TIME	END TIME	Artificial Intelligence Live! Day 3: Thursday, November 16, 2023		
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries		
8:00 AM	9:15 AM	AIH01 Beyond ChatGPT - Imagine Your Mind Blown - <i>Andreas Erben</i>		
9:30 AM	10:45 AM	AIH02 Responsible AI - <i>Veronika Kolesnikova</i>		
11:00 AM	12:00 PM	ARTIFICIAL INTELLIGENCE LIVE! PANEL DISCUSSION: Does AI Threaten Techies, or Does it Change the Tech Skill Premise? <i>Andrew Brust [moderator], Andreas Erben, Kevin Feasel, & Veronika Kolesnikova</i>		
12:00 PM	1:00 PM	Live! 360 DJ Lunch		
1:00 PM	2:15 PM	AIH03 Practical MLOps with GitHub and Azure ML - <i>Kevin Feasel</i>		
2:30 PM	3:45 PM	AIH04 Implementing Multivariate Anomaly Detection in Python - <i>Kevin Feasel</i>		
4:00 PM	5:00 PM	Next? Live! 360 Networking Event		
START TIME	END TIME	Artificial Intelligence Live! Post-Conference Workshops: Friday, November 17, 2023		
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries		
8:00 AM	5:00 PM	AIF01 Workshop: Build an Outlier Detector in a Day - <i>Kevin Feasel</i>		

Sessions and speakers subject to change.

 Microsoft Sessions

ARTIFICIAL INTELLIGENCE LIVE! SESSION DESCRIPTIONS BY TRACK



FULL DAY HANDS-ON LABS

These instructor-led, pre-conference Hands-On Labs offer attendees intensive in-depth training before the conference officially begins. Take advantage of in-person instruction as well as collaboration with peers.

Attendance for each Hands-On Lab is limited, so be sure to sign up early for these special bring your own laptop pre-conference HOLs.

AIHOL01

2-Day Hands-On Lab: Elevate Your Career with Python and AI - A Hands-On Lab Workshop

Introductory to Intermediate

ERIC D. BOYD

**Sunday, November 13, 9:00am – 6:00pm
& Monday, November 14, 8:30am – 5:30pm**

“I LIKE THE VARIETY OF TOPICS AND THE ABILITY TO MIX AND MATCH SESSIONS.”

– *Steven Stewart, EBSCO,
Live! 360 Orlando 2022 Attendee*

Python stands as the second most popular programming language, only surpassed by JavaScript. Its remarkable trajectory over the past three decades can be attributed to its inherent simplicity, an expansive ecosystem of libraries and packages, and its remarkable versatility across a diverse array of domains including data analytics, machine learning, artificial intelligence, cybersecurity, IoT, robotics, and automated task execution.

Embark on a two-day journey to learn a new programming language that has far-reaching applicability. As the language of choice for data science, advanced research, and the expanding field of AI, Python will propel you into the heart of machine learning and artificial intelligence.

Join Microsoft Azure MVP, Eric D. Boyd, for an immersive hands-on lab, a two-day-long expedition into the land of Python. And you don't need to have any prior knowledge of Python to attend. We'll begin with the bedrock principles encompassing variables, functions, conditionals, and loops. From there, we'll explore more advanced concepts, including error handling, library utilization, testing practices, and more.

Equipped with a solid foundation in Python, you will immediately employ your newfound knowledge to craft innovative solutions across the pivotal domains of machine learning and artificial intelligence. Expect to delve into areas spanning search algorithms, knowledge representation, uncertainty modeling, optimization strategies, machine learning paradigms, neural network architectures, and even natural language processing. This dynamic learning experience will be underpinned by the utilization of established libraries such as Scikit-learn, TensorFlow, NLTK, and more.

And our journey won't conclude there. You'll get to embark on a journey through the innovative world of prompt engineering using large language models. Engage with OpenAI's transformative GPT models and navigate the terrain with tools like LangChain and Semantic Kernel, opening doors to novel applications and possibilities in language-driven AI systems.

Unlock the potential of Python and AI in a hands-on environment where theory evolves into tangible skills, and where your career potential gains an invaluable edge.

You will learn:

- About the Python programming language
- Use Python to create Machine Learning and AI solutions
- Prompt engineering with Python and tools like LangChain



WORKSHOPS

Choose from a wide range of content and topics by expert presenters with Artificial Intelligence Live! Orlando's Pre- and Post-Conference full-day workshops.

AIM01

Workshop: Azure Open AI Master Class

Intermediate / Advanced

PRASHANT G BHOYAR & ANDREAS ERBEN

Monday, November 13, 8:30am - 5:30pm

With ChatGPT, other large language models and generative AI has caught the attention of global consumers, enterprises, and c-suite.

AI has a big role to play in the enterprise space and it is progressing rapidly. Without understanding the concepts behind these advanced technologies, developers and administrators will struggle to evaluate the potential impact of new tools and solutions.

Azure OpenAI Service provides REST API access to OpenAI's powerful language models including the GPT-3, Codex and Embeddings model series. These models can be easily adapted to your specific task including but not limited to content generation, summarization, semantic search, and natural language to code translation. Users can access the service through REST APIs, Python SDK, or our web-based interface in the Azure OpenAI Studio.

Microsoft Cognitive Services let you build apps with powerful algorithms to see, hear, speak, understand and interpret our needs using natural methods of communication, with just a few lines of code. Easily add intelligent features – such as emotion and sentiment detection, vision and speech recognition, language understanding, knowledge, and search – into your app, across devices and platforms such as iOS, Android, and Windows, keep improving and are easy to set up. Containerization lets developers build big AI systems that run at scale, reliably, and consistently in a way that supports better data governance.

ARTIFICIAL INTELLIGENCE LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

In this full-day workshop, we will cover the following topics in detail:

1. Azure Open AI Services
2. Cognitive Services
3. Azure Applied AI
4. Conversational AI
5. Azure Open AI Services: ChatGPT, Davinci, Ada, Babbage, Curie, Cushman
6. Cognitive Services: Language, Speech, Vision
7. Cognitive Services in Containers
8. Responsible AI
9. Best Practices
10. Azure Open AI and Cognitive Services Billing
11. How to create enterprise-grade applications using Azure AI services?

At the end of the workshop, attendees will have a working knowledge of Azure AI and how to use it to implement enterprise-grade intelligent applications.

Access to Azure, Azure Open AI services, Microsoft 365, SharePoint online site, and Microsoft Team will be provided to create enterprise-grade intelligent applications.

You will learn:

- How to create enterprise-grade Bots using Conversational AI
- Azure Open AI and Cognitive Services Best Practices

AIF01

Workshop: Build an Outlier Detector in a Day

Introductory / Intermediate

KEVIN FEASEL

Friday, November 17, 8:00am - 5:00pm

Discovering outliers is a critical part of systems monitoring, financial auditing, and more. In this full-day workshop, we will gain an understanding of what constitutes an anomaly or an outlier, starting with a general concept of the terms and then moving into technical definitions. From there, we will build a general-purpose outlier detection API in Python, along with a test suite and demo client. We will extend this API to include a variety of use cases, including multivariate and time series outlier detection, learning about and applying state-of-the-art techniques along the way.

You will learn:

- To understand what outliers and anomalies are
- Discover the state of the art when it comes to outlier detection algorithms
- How to build a web-based service to detect outliers in datasets

AI APPLICATION DEVELOPMENT

This track offers a dynamic blend of immersive sessions and an all-day workshop. Discover the power of large language models such as ChatGPT, learn how to integrate machine learning into the .NET framework, how to use Azure Open AI to build smarter bots, and master practical MLOps with GitHub and Azure ML. Expand your skill set with Python-based multivariate anomaly detection and learn how you can build your own outlier detector in our comprehensive workshop. From seasoned IT professionals to tech enthusiasts, this track presents a unique opportunity to navigate the dynamic landscape of AI development with a futuristic vision and practical skills.

AIT01

Unveiling the Power of ChatGPT and Large Language Models: A Comprehensive Guide

Introductory

BRIAN RANDELL

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- Gain a foundational understanding of ChatGPT and its underlying GPT-4 architecture, which empowers the AI to generate human-like text responses and comprehend complex language patterns.
- Acquire practical knowledge on how to effectively use ChatGPT for various tasks, such as drafting emails, generating creative content, and providing assistance in programming and customer support.
- Develop an appreciation for the broader context of large language models, including their evolution, ethical considerations, and the ongoing efforts to ensure the safe and responsible use of AI technologies.

AIT02

Fast Focus: Azure OpenAI in the Heart of Your Smart Bot

Introductory / Intermediate

VERONIKA KOLESNIKOVA

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- The core components of an intelligent chatbot and how Azure provides the necessary infrastructure to build and deploy chatbots at scale
- Insight into the various capabilities of Azure OpenAI and how they can be leveraged to add advanced features to bots, such as natural language processing and sentiment analysis
- Practical knowledge about creating bots using Azure, .NET and OpenAI

AIW02

Machine Learning for .NET Developers

Introductory / Intermediate

VERONIKA KOLESNIKOVA

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- To understand the base principles of ML.NET
- About the benefits of AutoML
- Practical knowledge on how to create ML.NET models using Model Builder

AIW03

AI-Powered Reports: Transforming Power BI Insights

Introductory / Intermediate

PRISCILLA CAMP

Wednesday, November 15, 2:00 - 3:15pm

From predictive analytics to enhanced visual stories, discover how AI amplifies your data's voice.

ARTIFICIAL INTELLIGENCE LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

AIH03

Practical MLOps with GitHub and Azure ML

Introductory

KEVIN FEASEL

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- The value proposition for Machine Learning Operations (MLOps)
- How to integrate GitHub-based code with Azure ML via GitHub Actions
- How to deploy code changes and manage multiple Azure ML environments in a centralized manner

AIH04

Implementing Multivariate Anomaly Detection in Python

Intermediate

KEVIN FEASEL

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- The complexities around multivariate outlier detection
- Gain an understanding of some of the algorithms used in multivariate detection
- Build a simple outlier detection API to serve multivariate scenarios

“IT WAS GREAT BEING EXPOSED TO NEW TECHNOLOGIES AND CONCEPTS. I ALSO ESPECIALLY ENJOYED MEETING NEW PEOPLE FROM ALL OVER THE WORLD. THE HOTEL DID A GREAT JOB ACCOMMODATING THE CONFERENCE AND I REALLY LIKE COMING TO ORLANDO.”

– Live! 360 Orlando 2022 Attendee

RESPONSIBLE AND ETHICAL AI

Navigate the nuanced landscape of “Responsible and Ethical AI” in this crucial track. You’ll find a dedicated session on Responsible AI that will address the core principles of responsibility in AI and introduce tools designed to support developers in embedding these principles in their work. From an overview of AI and Machine Learning to best practices in data preparation, the session places a strong emphasis on responsibility and accountability.

AIH02

Responsible AI

Introductory / Intermediate

VERONIKA KOLESNIKOVA

Thursday, November 16, 9:30 - 10:45am

You will learn:

- The responsible AI principles
- The tools for applying those principles to ML solutions
- Best practices for applying the principles

GENERATIVE AI

Generative AI offers an incredible frontier to expand your capabilities, enabling the creation of dynamic, personalized content ranging from text to images, music, and even code, based on learned patterns.

In this track, you can unpack the dynamics between Azure OpenAI and OpenAI Services, learning about their unique features and applications. Gain valuable insights into enhancing organizational productivity using a powerful blend of Azure OpenAI, AI Builder, Syntex, and Cognitive Services. Venture further into data-driven insights with a focused session on using OpenAI, Azure SQL, Python, LangChain, and VS Code to unlock the hidden potentials of your data. Prepare to have your mind blown in an exhilarating exploration beyond ChatGPT, where you’ll discover the unimaginable capabilities of Generative AI. Supplement your knowledge with a fast focus session providing an insider’s look into Azure OpenAI Service, and cement your understanding in an all-day workshop, the Azure Open AI Master Class. By mastering this cutting-edge technology, you can pioneer innovative solutions and user experiences, thereby increasing the value and impact of your applications in an increasingly AI-driven digital world.

AIT03

Fast Focus: Inside Azure OpenAI Service

Introductory / Intermediate

ERIC D. BOYD

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- Overview of Azure OpenAI
- How to get started with Azure OpenAI
- About Microsoft’s commitment to responsible AI

ARTIFICIAL INTELLIGENCE LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

AIT04

Azure OpenAI vs OpenAI Services

Intermediate / Advanced

PRASHANT G BHOYAR

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- Key differences between Azure Open AI and Open AI services
- The pricing information
- Extensibility model

AIT05

Increase Organizational Productivity using Azure Open AI, AI Builder, Syntex, & Cognitive Services

Intermediate / Advanced

PRASHANT G BHOYAR

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- About Azure OpenAI service
- What is AI Builder and Microsoft Syntex
- How to use Microsoft's AI services to increase organizational productivity

AIW01

Use OpenAI, Azure SQL, Python, LangChain, & VS Code to UNLOCK INSIGHTS About YOUR Data!

Introductory / Intermediate

BRADLEY BALL

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- How to consume data from a SQL Source using Python and Pandas
- How to provision an Azure OpenAI model and interact with it via LangChain
- How to gather insights from data sources

AIH01

Beyond ChatGPT - Imagine Your Mind Blown

Introductory

ANDREAS ERBEN

Thursday, November 16, 8:00 - 9:15am

You will learn:

- The type and scale of the new generation of large AI models
- See in action what large AI models can accomplish
- About specific relevant use cases and so-called "prompt engineering"

VISION AND IMAGE

This track features an engaging 75-minute session on "AI Driven Image Generation". It explores the remarkable advancements in the field since 2022, taking a deep dive into prominent image generation tools like DALL-E 2, MidJourney, and Stable Diffusion. Without delving into complex mathematical underpinnings, the session will shed light on the AI approaches that guide image generation and provide a hands-on view of how businesses and individuals can leverage these tools in their own environments.

AIW04

AI Driven Image Generation

Introductory / Intermediate

ANDREAS ERBEN

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- About the state of the art of AI driven image generation
- Understand the typical building blocks of AI driven image generation
- Prepare yourself to start generating images

"THE SPEAKERS WERE EXCELLENT AND VERY KNOWLEDGEABLE. THE NETWORKING AREAS PROVIDED ENOUGH ROOM FOR PEOPLE TO ENGAGE EFFECTIVELY. SESSIONS BEING 1 HR 15 MIN SET A NICE PACE. THE WORKSHOPS WERE PRETTY DETAILED AND I FEEL WERE THE HIGHLIGHT OF THE CONFERENCE, GIVEN THAT THE ALL DAY FORMAT REALLY ALLOWED MORE Q&A AND DISCUSSION ON THE SCHEDULED TOPICS."

— Live! 360 Orlando 2022 Attendee

ARTIFICIAL INTELLIGENCE LIVE! SPEAKERS

CONFERENCE CHAIRS



Andrew Brust
CEO and Founder,
Blue Badge Insights
Artificial Intelligence Live!
Conference Co-Chair



Brian Randell
Product Marketing Director,
GitHub
Artificial Intelligence Live!
Conference Co-Chair

SPEAKERS



Bradley Ball
Premier Sr. Consultant, Premier
Support for Developers,
Microsoft



Prashant G Bhoyar
Senior Solution Architect,
WithumSmith+Brown



Eric D. Boyd
Founder and CEO,
responsiveX



Andrew Brust
CEO and Founder,
Blue Badge Insights



Priscilla Camp
Data Warehouse Systems
Manager,
University of Central Florida



Andreas Erben
CTO, MR | Applied AI, daenet



Kevin Feasel
Proprietor @ Catallaxy Ser-
vices, LLC



Veronika Kolesnikova
Senior Software Engineer



Brian Randell
Product Marketing Director,
GitHub

Cloud & Containers **LIVE!**

CLOUD-NATIVE, PAAS & SERVERLESS COMPUTING



AGENDA-AT-A-GLANCE

Cloud-Native Development		Cloud-Native Infrastructure	Cloud-Native DevOps
START TIME	END TIME	Cloud & Containers Live! Pre-Conference Hands-On Labs: Sunday, November 12, 2023	
7:00 AM	9:00 AM	Registration • Coffee and Morning Pastries	
9:00 AM	6:00 PM	CCHOL01 Hands-On Lab: Terraform in Azure Workshop - <i>Carey Payette</i>	
2:00 PM	7:00 PM	Pre-Conference Registration - <i>Royal Pacific Resort Conference Center</i>	
START TIME	END TIME	Cloud & Containers Live! Pre-Conference Workshops: Monday, November 13, 2023	
7:00 AM	8:30 AM	Registration • Coffee and Morning Pastries	
8:30 AM	5:30 PM	CCM01 Workshop: Building Cloud-native Microservices with Dapr - <i>Marcel de Vries & Alex Thissen</i>	
6:30 PM	8:00 PM	Mix & Mingle @ Hard Rock Café Universal CityWalk	
START TIME	END TIME	Cloud & Containers Live! Day 1: Tuesday, November 14, 2023	
7:00 AM	8:00 AM	Registration • Coffee and Morning Pastries	
8:00 AM	9:00 AM	CLOUD & CONTAINERS LIVE! KEYNOTE: Beyond Coud Hype: Enabling Success & Avoiding Failure <i>Eric D. Boyd, Founder and CEO of responsiveX</i>	
9:15 AM	10:30 AM	CCT01 Introduction to Azure Infrastructure as Code - <i>Carey Payette</i>	
10:30 AM	11:00 AM	Networking Break • Visit the EXPO Lounge - <i>Pacifica 7</i>	
11:00 AM	12:00 PM	LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team <i>Brian Randell, Product Marketing Director, GitHub</i>	
12:00 PM	12:45 PM	Lunch - <i>Oceana Ballroom</i> • Visit the EXPO Lounge - <i>Pacifica 7</i>	
12:45 PM	1:30 PM	Dessert Break • Visit the EXPO Lounge - <i>Pacifica 7</i>	
1:30 PM	1:50 PM	CCT02 Fast Focus: What Manifests are These? - <i>Mike Benkovich</i>	
2:00 PM	2:20 PM	CCT03 Fast Focus: 15 Minutes Could Save You 15% Or More on Your Azure Bill - <i>Esteban Garcia</i>	
2:20 PM	2:45 PM	Networking Break • Visit the EXPO Lounge - <i>Pacifica 7</i>	
2:45 PM	4:00 PM	CCT04 Storage Strategies in Microsoft Azure - <i>Eric D. Boyd</i>	
4:15 PM	5:30 PM	CCT05 IaC Forged in Code: ARM/Bicep vs Terraform vs Pulumi - <i>Mike Benkovich</i>	
5:30 PM	7:00 PM	Exhibitor Welcome Reception - <i>Pacifica 7</i>	

Sessions and speakers subject to change.

 Microsoft Sessions

AGENDA-AT-A-GLANCE *(continued)*



Cloud-Native Development		Cloud-Native Infrastructure	Cloud-Native DevOps
START TIME	END TIME	Cloud & Containers Live! Day 2: Wednesday, November 15, 2023	
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries	
8:00 AM	9:15 AM	CCW01 No Silver Bullet: Use the Right Architecture for the Right Job - <i>Rockford Lhotka</i>	
9:30 AM	10:45 AM	CCW02 Architecting and Developing Microservices Apps - <i>Eric D. Boyd</i>	
10:45 AM	11:30 AM	Networking Break • Visit the EXPO Lounge - <i>Pacifica 7</i>	
11:30 AM	12:30 PM	LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization <i>Rajeev Kapur, CEO & Chief AI Officer, 1105 Media, Inc.</i>	
12:30 PM	1:30 PM	Table Topics Lunch - <i>Oceana Ballroom</i>	
1:30 PM	2:00 PM	Dessert Break • Visit the EXPO Lounge - <i>Pacifica 7</i>	
2:00 PM	3:15 PM	CCW03 A Day in the Life of a Container - <i>Esteban Garcia</i>	
3:15 PM	4:00 PM	Networking Break • Visit the EXPO Lounge • Expo Raffle @ 3:30 p.m. - <i>Pacifica 7</i>	
4:00 PM	5:15 PM	CCW04 The Fin-tastic Way to Boost Your Cloud ROI: An Introduction to FinOps on Azure - <i>René van Osnabrugge</i>	
7:30 PM	9:00 PM	Live! 360 Dessert Luau - <i>Wantilan Pavilion</i>	

Sessions and speakers subject to change.

 Microsoft Sessions



AGENDA-AT-A-GLANCE *(continued)*

Cloud-Native Development		Cloud-Native Infrastructure	Cloud-Native DevOps
START TIME	END TIME	Cloud & Containers Live! Day 3: Thursday, November 16, 2023	
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries	
8:00 AM	9:15 AM	CCH01  Master Azure Resources Like Marvel's Lord Chaos - <i>Chris Ayers</i>	
9:30 AM	10:45 AM	CCH02 Introduction to Actor-based Development with Project Orleans - <i>Chris Klug</i>	
11:00 AM	12:00 PM	CLOUD & CONTAINERS LIVE! PANEL DISCUSSION: Past the Hype: Cloud in the Mainstream <i>Rockford Lhotka [moderator], Chris Ayers, Mike Benkovich, Eric D. Boyd, & Esteban Garcia</i>	
12:00 PM	1:00 PM	Live! 360 DJ Lunch	
1:00 PM	2:15 PM	CCH03 ChatGPT Will Not Make Azure Developers Extinct! - <i>Vishwas Lele</i>	
2:30 PM	3:45 PM	CCH04  Achieving SRE (Site Resiliency Engineering) with Azure - <i>Chris Ayers</i>	
4:00 PM	5:00 PM	Next? Live! 360 Networking Event	
START TIME	END TIME	Cloud & Containers Live! Post-Conference Workshops: Friday, November 17, 2023	
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries	
8:00 AM	5:00 PM	CCF01 Workshop: Permit to Cloud - Land with Confidence in Azure - <i>Mike Benkovich</i>	

Sessions and speakers subject to change.

 Microsoft Sessions

CLOUD & CONTAINERS LIVE! SESSION DESCRIPTIONS BY TRACK



FULL DAY HANDS-ON LABS

These instructor-led, pre-conference Hands-On Labs offer attendees intensive in-depth training before the conference officially begins. Take advantage of in-person instruction as well as collaboration with peers.

Attendance for each Hands-On Lab is limited, so be sure to sign up early for these special bring your own laptop pre-conference HOLs.

CCHOL01

Hands-On Lab: Terraform in Azure Workshop

Introductory

CAREY PAYETTE

Sunday, November 12, 9:00am - 6:00pm

Infrastructure as Code (IaC) has become a critical part of DevOps, allowing for declarative definition, configuration, deployment, and management of simple and complex IT solutions. In this hands-on workshop, we'll review the importance of IaC and how it fits into the Continuous Delivery aspect of DevOps. In addition, you will get hands-on with Terraform with labs and start deploying solutions to the Azure cloud!

You will learn:

- Understand IaC and how it fits into DevOps
- How to leverage Terraform for Azure Infrastructure
- Hands-on experience with Terraform in Azure

Attendee Requirements

You must provide your own laptop computer (Windows or Mac) for this hands-on lab.

In addition, you should have the following software and admin rights configured for your machine prior to arriving to the Hands-on lab:

- Windows 10 or Windows 11 OR macOS 10.13 High Sierra or later

- Administrator rights on machine
- Ability to download/install software on machine
- Azure subscription with Owner RBAC privileges or above
- Charged battery (or power supply if needed)
- Visual Studio Code (or your favorite editor)
- Optional - Internet hotspot or phone for tethering



WORKSHOPS

Choose from a wide range of content and topics by expert presenters with Cloud & Containers Live! Orlando's Pre- and Post-Conference full-day workshops.

CCM01

Workshop: Building Cloud-native Microservices with Dapr

Intermediate/Advanced

MARCEL DE VRIES & ALEX THISSEN

Monday, November 13, 8:30am - 5:30pm

Modern distributed applications require much more than just application logic. Features such as state management for services, communication using publish/subscribe messaging and event-driven binding to cloud resources might be needed. Dapr introduces a runtime to offer such building blocks, and is less invasive in your application, allowing you to pick and choose what you need. In this workshop, we will look at the approach that the Dapr runtime takes with a sidecar architecture, separating application logic from the Dapr runtime components. You learn to develop distributed applications in .NET using Dapr's features and, how to bind to messaging infrastructure and cloud resources. You will learn:

Dapr and side-car architecture

- Dapr components and actor programming model
- About programming container-based applications in .NET using Dapr

CCF01

Workshop: Permit to Cloud - Land with Confidence in Azure

Introductory

MIKE BENKOVICH

Friday, November 17, 8:00am - 5:00pm

An application is an idea that has code, data and infrastructure, and choosing whether to build a conveyor belt or to put up guard rails along the path is important in maintaining velocity to the cloud. In this session, we explore the tools available in Azure for creating and enforcing governance policy, standards and infrastructure, including Azure resource template technologies and Bicep, Azure blueprints, as well as DevOps processes including GitHub Actions that you can use to ensure your cloud journey is predictable, secure and compliant. We'll see how the tools work and share best practices for maturing your cloud journey.

You will learn:

- The principles of Azure and cloud governance and the role it plays in ensuring a secure and reliable cloud environment
- How to build reliable delivery using Continuous Delivery tools and Infrastructure as Code
- Hands-on experience with compute and data storage options

"I GREATLY ENJOYED THE KNOWLEDGE OF THE SPEAKERS AND COMRADERY OF SPEAKERS AND ATTENDEES."

— Live! 360 Orlando 2022 Attendee

CLOUD & CONTAINERS LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

CLOUD-NATIVE DEVELOPMENT

Cloud-native computing has become the standard for software development. Running server-side software in a container has become common, and orchestrating containers in Azure, AWS, and Kubernetes (aka k8s) has a large impact on software architecture and deployment. Our industry is finding a balance between microservice and more cohesive software architectures, learning how they can effectively leverage cloud- and container-based environments. It is hard to imagine any enterprise development scenario where one or more of these trends would not be high on the list of critical skills.

You'll find coverage of:

- Cloud-native architecture options and concepts
- Architecting and developing apps with microservices
- Container lifetimes
- Using container environments at dev time
- Building .NET apps in Azure

CCW01

No Silver Bullet: Use the Right Architecture for the Right Job

Intermediate

ROCKFORD LHOTKA

Wednesday, November 15, 8:00 - 9:15am

You will learn

- How microservices fits into the history of distributed computing
- When to use a well-architected monolith vs. services
- When to use n-tier services, microservices, and other architectures

CCW02

Architecting and Developing Microservices Apps

Introductory/Intermediate

ERIC D. BOYD

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- SOA and the microservices architectural style
- How to decompose a monolithic application into microservices
- A lap around containers and runtimes for microservices

CCW03

A Day in the Life of a Container

Intermediate

ESTEBAN GARCIA

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- Understand container lifecycle
- Container orchestration
- How to get started with containers

CCH02

Introduction to Actor-based Development with Project Orleans

Introductory

CHRIS KLUG

Thursday, November 16, 9:30 - 10:45am

You will learn:

- What actor model development is
- Where it fits and makes life simpler
- How to get started with Project Orleans

CCH03

ChatGPT Will Not Make Azure Developers Extinct!

Intermediate

VISHWAS LELE

Thursday, November 16, 1:00 - 2:15pm

In this session, we will dive deeper into how LLMs can add a productivity superpower to developers.

CLOUD-NATIVE INFRASTRUCTURE

Cloud-native has a major impact on traditional infrastructure roles and skillsets. Where servers used to be treated like unique individuals, they are now commodity resources that should all be identical (at least within a class). Cattle, not pets. This means rethinking a lot of processes and management of hardware, operating systems, monitoring, and many other aspects of enterprise infrastructure.

This track includes coverage of the following:

- Azure infrastructure as code
- Saving costs in Azure
- Storage strategies in Azure

CCT01

Introduction to Azure Infrastructure as Code

Introductory

CAREY PAYETTE

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- Understand Infrastructure as Code
- How to leverage Infrastructure as Code in DevOps pipelines
- About tools available that enable Infrastructure as Code

CLOUD & CONTAINERS LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

CCT03

Fast Focus: 15 Minutes Could Save You 15% Or More on Your Azure Bill

Intermediate

ESTEBAN GARCIA

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- About Azure cost management
- About ways to scale your services to maximize your cost savings
- How to save money while making money

CCT04

Storage Strategies in Microsoft Azure

Introductory/Intermediate

ERIC D. BOYD

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- About the data services in Azure
- How to choose the best data services(s) for your solution
- About getting started developing solutions with Azure data services

CCT05

IaC Forged in Code: ARM/Bicep vs Terraform vs Pulumi

Intermediate

MIKE BENKOVICH

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- What is Infrastructure as Code and why is it important
- What tools and frameworks are available
- Real world tradeoffs between the different options

CLOUD-NATIVE DEVOPS

Cloud-native software and infrastructure can't succeed without solid DevOps processes and related technologies. Microservice architectures mean you are deploying at least an order of magnitude more apps than ever before. Cloud-native runtimes like Kubernetes require a whole new set of monitoring and management technologies, which ideally feed back into automated adjustments of the runtime environment.

This track includes coverage of the following:

- Understanding manifest files
- Introduction to FinOps on Azure
- Azure resource management

CCT02

Fast Focus: What Manifests are These?

Introductory

MIKE BENKOVICH

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- About Kubernetes Manifests and how are they defined
- How do you use manifests with Kubernetes
- What tools are available to make working with Kubernetes manifests easier

CCW04

The Fin-tastic Way to Boost Your Cloud ROI: An Introduction to FinOps on Azure

Intermediate

RENÉ VAN OSNABRUGGE

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- The basics of FinOps and its importance for optimizing Azure spending and boosting ROI
- About the specific tools and features available on the Azure platform that can help you implement FinOps successfully, including cost management, budgeting, and optimization tools
- Practical tips and best practices for becoming a FinOps pro on Azure, including strategies for maximizing cloud savings and improving financial visibility

CCH01

Master Azure Resources Like Marvel's Lord Chaos

Advanced

CHRIS AYERS

Thursday, November 16, 8:00 - 9:15am

You will learn:

- About Chaos Engineering, the ultimate answer to running reliable cloud workloads
- How to integrate Chaos Engineering for Azure workloads
- Get demos, demos, demos

CCH04

Achieving SRE (Site Resiliency Engineering) with Azure

Advanced

CHRIS AYERS

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- About Site Reliability Engineering
- How to integrate SRE in your development cycle
- How to integrate SRE practices on Azure

CLOUD & CONTAINERS LIVE! SPEAKERS

CONFERENCE CHAIR



Rockford Lhotka
VP of Strategy, Xpirit USA
Cloud & Containers Live!
Conference Co-Chair

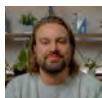
SPEAKERS



Chris Ayers
Sr. Customer Engineer,
Microsoft



Mike Benkovich
Developer, Business Owner,
Consultant, Cloud Architect,
Microsoft Azure MVP and an
Online Instructor



Eric D. Boyd
Founder and CEO,
responsiveX



Marcel de Vries
CTO, Xpirit



Esteban Garcia
CEO - US, Xebia | Xpirit



Chris Klug
Developer Badass-as-a-
Service



Vishwas Lele
CTO, AIS



Rockford Lhotka
VP of Strategy, Xpirit USA



Carey Payette
Senior Software Engineer,
Trillium Innovations



Alex Thissen
Architect, Lead Developer, and
Mentor, Xpirit



René van Osnabrugge
DevOps Strategy Consultant,
Xpirit

Cybersecurity & Ransomware® **LIVE!**

DEFENDING AGAINST RANSOMWARE AND OTHER ATTACKS



AGENDA-AT-A-GLANCE

Ransomware Industry	Incident Response	Human Intelligence / Security for Dev's	Red Team Tactics and Techniques	Blue Team	Purple Team
START TIME	END TIME	Cybersecurity & Ransomware Live! Pre-Conference Hands-On Labs: Sunday, November 12, 2023			
7:00 AM	9:00 AM	Registration • Coffee and Morning Pastries			
9:00 AM	6:00 PM	CRHOL01 Hands-On Lab: Building a CyberInsurance Compliant Security Infrastructure - John O'Neill Sr.			
2:00 PM	7:00 PM	Pre-Conference Registration - Royal Pacific Resort Conference Center			
START TIME	END TIME	Cybersecurity & Ransomware Live! Pre-Conference Workshops: Monday, November 13, 2023			
7:00 AM	8:30 AM	Registration • Coffee and Morning Pastries			
8:30 AM	5:30 PM	CRM01 Workshop: Don't Get RDPwned - Everything Remote Desktop Security - Andy Milford		CRM02 Workshop: Preventing Ransomware with Directory Tiering and Privileged Access Workstations - Sami Laiho & Adam Felts	
6:30 PM	8:00 PM	Mix & Mingle @ Hard Rock Café Universal CityWalk			
START TIME	END TIME	Cybersecurity & Ransomware Live! Day 1: Tuesday, November 14, 2023			
7:00 AM	8:00 AM	Registration • Coffee and Morning Pastries			
8:00 AM	9:00 AM	CYBERSECURITY & RANSOMWARE LIVE! KEYNOTE: Ransomware Unmasked - Strategies for Prevention, Detection, and Recovery in a Hyperconnected World Sami Laiho, Chief Research Officer, Adminize			
9:15 AM	10:30 AM	CRT01 Sysmon 101 - Andy Milford		CRT02 Red vs. Blue: Diving into the Breach - Michael Van Horenbeeck	
10:30 AM	11:00 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7			
11:00 AM	12:00 PM	LIVE! 360 KEYNOTE: Find the Right Copilot for Your Team Brian Randell, Product Marketing Director, GitHub			
12:00 PM	12:45 PM	Lunch - Oceana Ballroom • Visit the EXPO Lounge - Pacifica 7			
12:45 PM	1:30 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7			
1:30 PM	1:50 PM	CRT03 Fast Focus: Cyber Security Awareness for the C-Suite - John O'Neill Sr.		CRT04 Fast Focus: Baby Steps to Resilience - Not Quite 0 to Not Quite 60 in Not Quite 60 Seconds - Adrian Porter	
2:00 PM	2:20 PM	CRT05 Fast Focus: Understanding Cyberattacks - John O'Neill Sr.		CRT06 Fast Focus: Securing your Endpoint Management Platform - Émile Cabot	
2:20 PM	2:45 PM	Networking Break • Visit the EXPO Lounge - Pacifica 7			

Sessions and speakers subject to change.

 Microsoft Sessions



AGENDA-AT-A-GLANCE *(continued)*

Ransomware Industry		Incident Response	Human Intelligence / Security for Dev's	Red Team Tactics and Techniques	Blue Team	Purple Team
START TIME	END TIME	Cybersecurity & Ransomware Live! Day 1: Tuesday, November 14, 2023 (Continued)				
2:45 PM	4:00 PM	CRT07 Protecting Critical ICS & SCADA Infrastructure with Microsoft Defender - Maarten Goet			CRT08 Sleeping While the Wind Blows: Lessons from Real-Life Disasters for IT Professionals - Adrian Porter	
4:15 PM	5:30 PM	CRT09 Manage Authentication Methods like a Boss - Jan Ketil Skanke			CRT10 Consequences of Trust in Azure Active Directory - Nestori Syynimaa	
5:30 PM	7:00 PM	Exhibitor Welcome Reception - Pacifica 7				
START TIME	END TIME	Cybersecurity & Ransomware Live! Day 2: Wednesday, November 15, 2023				
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries				
8:00 AM	9:15 AM	CRW01 52 Mins from Initial Access to Ransomware - Is Your Defensive Team Ready? - Maarten Goet			CRW02 Table Top Exercises - An Underutilized Security Tool? - Adrian Porter	
9:30 AM	10:45 AM	CRW03 Identity Management Threats and Application Governance for the IT Pro - Jay Gundotra & John O'Neill Sr.			CRW04 Best Tips on How to Start a Cybersecurity Assessment - Omar Valerio	
10:45 AM	11:30 AM	Networking Break • Visit the EXPO Lounge - Pacifica 7				
11:30 AM	12:30 PM	LIVE! 360 KEYNOTE: Defining Your Future with AI - Become an AI Leader in Your Organization Rajeev Kapur, CEO & Chief AI Officer, 1105 Media, Inc.				
12:30 PM	1:30 PM	Table Topics Lunch - Oceana Ballroom				
1:30 PM	2:00 PM	Dessert Break • Visit the EXPO Lounge - Pacifica 7				
2:00 PM	3:15 PM	CRW05 Surviving a Ransomware Attacks with Microsoft Defender 365 - Dave Kawula and John O'Neill Sr.			CRW06 Regulatory and Security Compliance from Azure for All Your Servers - John Joyner	
3:15 PM	4:00 PM	Networking Break • Visit the EXPO Lounge • Expo Raffle @ 3:30 p.m. - Pacifica 7				
4:00 PM	5:15 PM	CRW07 Security Baselines / Hardening for Windows Servers and Desktops - Dave Kawula and Cristal Kawula			CRW08 Power your M365 Security Incident Response with Microsoft Sentinel - John Joyner	

Sessions and speakers subject to change.

 Microsoft Sessions



AGENDA-AT-A-GLANCE *(continued)*

Ransomware Industry		Incident Response		Human Intelligence / Security for Dev's		Red Team Tactics and Techniques		Blue Team		Purple Team	
7:30 PM	9:00 PM	Live! 360 Dessert Luau - <i>Wantilan Pavilion</i>									
START TIME	END TIME	Cybersecurity & Ransomware Live! Day 3: Thursday, November 16, 2023									
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries									
8:00 AM	9:15 AM	CRTH01 Safeguarding Your Microsoft Environment: Ensuring Resilient Recovery from Ransomware Attacks - <i>Dave Kawula and Cristal Kawula</i>					CRTH02 Azure AD Security Testing with AADInternals - <i>Nestori Syynimaa</i>				
9:30 AM	10:45 AM	CRTH03 Stop Ransomware Before It Starts: Proactive Measures to Outsmart Cybercriminals - <i>Sami Laiho</i>					CRTH04 Attacking Azure Active Directory Under-The-Radar - <i>Nestori Syynimaa</i>				
11:00 AM	12:00 PM	CYBERSECURITY & RANSOMWARE LIVE! PANEL DISCUSSION: Defending Ransomware in 2023 and Beyond <i>Sami Laiho [moderator], Maarten Goet, Dwayne McDaniel, & Nestori Syynimaa</i>									
12:00 PM	1:00 PM	Live! 360 DJ Lunch									
1:00 PM	2:15 PM	CRTH05 One Monday Morning - Ransomware Attack Post Mortem - <i>Dave Kawula and Cristal Kawula</i>					CRTH06 How Mature Is Your Secrets Management Strategy? - <i>Dwayne McDaniel</i>				
2:30 PM	3:45 PM	CRTH07 Code Secure without Becoming a Hacker - <i>Alton Crossley</i>					CRTH08 So, My Credentials Have Been Leaked...Now What? - <i>Dwayne McDaniel</i>				
4:00 PM	5:00 PM	Next? Live! 360 Networking Event									
START TIME	END TIME	Cybersecurity & Ransomware Live! Post-Conference Workshops: Friday, November 17, 2023									
7:30 AM	8:00 AM	Registration • Coffee and Morning Pastries									
8:00 AM	5:00 PM	CRF01 Workshop: Ransomware Defense with AppLocker - A Comprehensive 8-Hour Workshop - <i>Sami Laiho & Adam Felts</i>									

Sessions and speakers subject to change.

 Microsoft Sessions

CYBERSECURITY & RANSOMWARE LIVE! SESSION DESCRIPTIONS BY TRACK



FULL DAY HANDS-ON LABS

These instructor-led, pre-conference Hands-On Labs offer attendees intensive in-depth training before the conference officially begins. Take advantage of in-person instruction as well as collaboration with peers.

Attendance for each Hands-On Lab is limited, so be sure to sign up early for these special bring your own laptop pre-conference HOLs.

CRHOL01

Hands-On Lab: Building a CyberInsurance Compliant Security Infrastructure

Introductory/Intermediate

JOHN O'NEILL SR

Sunday, November 12, 9:00am - 6:00pm

Executives, Boards of Directors, and Shareholders all agree; CyberInsurance remains a must have in 2023. Unfortunately, insurance carriers are running scared because of all the cyber-threats and attacks causing them to pay claim after claim. Carriers are raising the bar for requirements while decreasing coverage limits. Who's left on the hot seat when an attack happens, and your insurance won't cover? You, the IT Pro! Come to this session and learn proven cybersecurity design concepts, deployment techniques, and management strategies for keeping CyberInsurance coverage without breaking the bank from out-of-control premiums.

You will learn:

- How to create advanced protection and recovery designs including Secure Fabric and Rapidly Deployable Secure Network architectures
- About creating effective Incident Response Plans, Business Continuity Plans, and Disaster Recovery plans
- The top things to do now, preventing compliance heartbreak at renewal

Attendee Requirements

You must provide your own laptop computer (Windows or Mac) for this hands-on lab.



WORKSHOPS

Choose from a wide range of content and topics by expert presenters with Cybersecurity & Ransomware Live! Orlando's Pre- and Post-Conference full-day workshops.

CRM01

Workshop: Don't Get RDPwned - Everything Remote Desktop Security

Introductory/Intermediate

ANDY MILFORD

Monday, November 13, 8:30am - 5:30pm

What's the hottest new vector for ransomware infections and infiltrations? Microsoft's Remote Desktop Protocol! The FBI recently sounded the alarm on the increasing use of RDP to spread ransomware and steal corporate data. This workshop will dive deep into all things Remote Desktop Security related, providing you with the knowledge to successfully secure your Remote Desktop infrastructure, whether it runs in your datacenter or the cloud.

You will learn:

- How individual hackers and APTs locate their RDP and Remote Desktop Services environments prior to commencing an attack
- How the most common tools hackers and APTs use to attack their RDP and Remote Desktop Services environments
- How to successfully layer defenses to protect their RDP and RDS environments from attack

CRM02

Workshop: Preventing Ransomware with Directory Tiering and Privileged Access Workstations

Intermediate

SAMI LAIHO & ADAM FELTS

Monday, November 13, 8:30am - 5:30pm

If you can RDP into a server or a jump server from any computer in your network, you are in trouble and you should join this training!

One concept to deploy in any modern environment is the Concept of Privileged Access Workstations. We simply cannot allow _any_ computer to take down the whole company or have access to resources that can. A normal end-user computer can access the Internet and cannot be thus used to manage the environment. A separate workstation, that cannot access the Internet and is better secured and more controlled, is to be used for managing the environment. We simply cannot combine potential access to malicious content and management into the same device.

The PAW is the missing component that makes a properly tiered Active (or Azure Active) Directory secure and easy to manage!

THE MOST COMMON REASON FOR PAW-PROJECT FAILING OR PEOPLE BEING UNHAPPY ABOUT IT, IS THAT PEOPLE READ MICROSOFT'S INSTRUCTIONS. Come and learn how the PAW-concept with Active Directory Tiering is deployed in reality!

Join, Sami Laiho, a world leading security expert, in this workshop and learn how he manages different sized environments and deploys the concepts of AD/AAD Tiering and Privileged Access Workstations

You will learn:

- How to deploy Directory Tiering
- How to deploy Privileged Access Workstations for on-prem & in the Cloud
- How to keep admins happy while using the PAWs, and not having multiple hardware devices or VMs

CRF01

Workshop: Ransomware Defense with AppLocker - A Comprehensive 8-Hour Workshop

Intermediate

SAMI LAIHO & ADAM FELTS

Friday, November 17, 8:00am - 5:00pm

"In 2020+ the most important security measure in enterprises is whitelisting" said Gartner and multiple other agencies. Only the inventory of assets has now bypassed it on the list. On the other hand, if you don't have binary control, it's impossible to keep software inventory up to date. Since 2021 the most used initial attack vector by Ransomware

CYBERSECURITY & RANSOMWARE LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

changed from Phishing to Unpatched Vulnerabilities - the way to limit the enormous amount of patching is to limit and control the binaries you allow. In Windows this means you need to implement AppLocker, which now is available for PRO-versions as well! Join this workshop where one of the leading experts in Windows OS and Security, Sami Laiho, shows you how to effectively and securely deploy AppLocker in your environment. Sami has deployed AppLocker for tens and tens of companies ranging from one-man to 500000+ seat companies. You will learn how to run the project, how to manage AppLocker and how to keep it secure. You will also receive prebuilt, pre-hardened, configurations that you can use at your own company. Even if you don't want to use AppLocker, but a 3rd party solution, or if you want to deploy the new Windows Defender Application Control, you can apply this knowledge.

You will learn:

- How to deploy AppLocker without upsetting users
- How to manage AppLocker and take down the amount of work for ServiceDesk
- How to run AppLocker with tens of rules, instead of thousands

“YOU HIT A SWEET SPOT FOR ME WITH AN ABUNDANCE OF .NET MAUI, BLAZOR AND OTHER CROSS PLATFORM SOLUTION SESSIONS.”

– Rudolf Pfenniger, Ledcor Groups,
Live! 360 Orlando 2022 Attendee

BLUE TEAM

In this track, participants will dive into the world of cybersecurity and ransomware from the perspective of the blue team. They will learn about the fundamental principles of cybersecurity, explore various defensive strategies, and develop hands-on skills to protect against ransomware attacks. The track will cover network security, vulnerability management, threat intelligence, and incident detection and response. Participants will engage in practical exercises, simulations, and case studies to strengthen their ability to mitigate and defend against cyber threats, ultimately becoming proficient members of the blue team.

CRT06

Fast Focus: Securing Your Endpoint Management Platform

Introductory/Intermediate

ÉMILE CABOT

Tuesday, November 14, 2:00 - 2:20pm

Management Platforms are the keys to the technical kingdom. To secure the enterprise, we must reduce exposure to this critical tool. This session looks at common endpoint security risks and best practices to mitigate them.

You will learn:

- The key components to securing your endpoint management platform
- The endpoint security tools and technologies that are used today
- Why best practices are essential to reducing your footprint

CRT07

Protecting Critical ICS & SCADA Infrastructure with Microsoft Defender

Advanced

MAARTEN GOET

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- SCADA and ICS security challenges
- OT defense options
- OT threat landscape

CRT09

Manage Authentication Methods like a Boss

Intermediate

JAN KETIL SKANKE

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- About the different authentication methods in Azure AD
- How to move away from legacy tools and methods in AAD
- How to require safer authentications for sensitive tasks

CRW03

Identity Management Threats and Application Governance for the IT Pro

Introductory/Intermediate

JAY GUNDOTRA & JOHN O'NEILL SR.

Wednesday, November 15, 9:30 – 10:45am

This session will equip attendees with knowledge, tools, and best practices to safeguard their organizations and users. From CEOs to IT professionals, anyone keen on understanding and improving their cybersecurity stance in the realms of identity threats and application governance will find this session invaluable.

CYBERSECURITY & RANSOMWARE LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

CRW06

Regulatory and Security Compliance from Azure for All Your Servers

Advanced

JOHN JOYNER

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- Defender for Cloud has presentation ready reports proving your progress towards regulatory compliance
- How Azure logic apps really work from a technical and security perspective in SOAR and incident response
- How to defend against SQL injection attack on any platform, from SQL PaaS to on-prem and AWS IaaS SQL instances

CRW07

Security Baselines / Hardening for Windows Servers and Desktops

Intermediate

DAVE KAWULA AND CRISTAL KAWULA

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- The concept of security baselines and their importance in safeguarding Windows environments
- Industry best practices and recommended configurations for hardening Windows servers and desktops
- Insights into effective patch management strategies and security policy implementation to mitigate potential vulnerabilities and threats

CRTH02

Azure AD Security Testing with AADInternals

Intermediate/Advanced

NESTORI SYYNIMAA

Thursday, November 16, 8:00 - 9:15am

You will learn:

- Understand threat actors' Techniques, Tactics, and Procedures (TTPs)
- How to leverage Mitre ATT&CK® framework to plan TTP based security testing
- How to run TTP based security testing using AADInternals toolkit

CRTH04

Attacking Azure Active Directory Under-The-Radar

Intermediate/Advanced

NESTORI SYYNIMAA

Thursday, November 16, 9:30 - 10:45am

You will learn:

- Understand various methods to attack Azure AD under-the-radar
- How to detect these attacks (where applicable)
- How to protect against these attacks (where applicable)

HUMAN INTELLIGENCE / SECURITY FOR DEV'S

This track focuses specifically on the critical role of human intelligence in cybersecurity. Participants will learn to effectively gather, analyze, and interpret intelligence data to identify potential security breaches, detect malicious activities, and proactively respond to emerging threats.

Topics covered in this track include threat hunting, open-source intelligence (OSINT) gathering, social engineering, and digital forensics. Through hands-on exercises and realistic simulations, participants will develop practical skills in collecting and utilizing human intelligence, equipping them to enhance organizations' overall security posture.

CRT03

Fast Focus: Cyber Security Awareness for the C-Suite

Introductory

JOHN O'NEILL SR

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- Why the C-Suite is like candy for cyber criminals
- How executives are held accountable for cyber risk
- What to do when the top is targeted

CRT05

Fast Focus: Understanding Cyberattacks

Introductory

JOHN O'NEILL SR

Tuesday, November 14, 2:00 - 2:20pm

You will learn:

- Best practice recommendations for protecting systems
- Overview of common techniques used by cyberattackers for gaining initial network access
- Strategies for strengthening network defenses against weak cybersecurity controls and practices

CRTH06

How Mature Is Your Secrets Management Strategy?

Intermediate/Advanced

DWAYNE MCDANIEL

Thursday, November 16, 1:00 - 2:15pm

You will learn:

- The challenges of managing secrets in DevOps
- How to measure your team and organizational secrets management maturity
- About approaching secrets management through education, tooling, and process improvements

CRTH07

Code Secure without Becoming a Hacker

Intermediate/Advanced

ALTON CROSSLEY

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- The hacker/pentester approach, and why they want to train you the way they do
- How to build teams that can produce secure code
- Topics for learning secure engineering

CYBERSECURITY & RANSOMWARE LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

INCIDENT RESPONSE

In this track, participants will dive deep into incident response, learning how to respond to security incidents and minimize their impact efficiently. They will gain an understanding of incident detection, containment, eradication, and recovery strategies. In addition, the track will cover incident handling procedures, incident management frameworks, digital forensics, and incident reporting. Through practical exercises and real-world scenarios, participants will develop the necessary skills to respond effectively to cyber incidents, mitigate damages, and restore normal operations. This track aims to empower participants to become proficient incident responders, playing a vital role in safeguarding organizations against cyber threats.

CRT01

Sysmon 101

Introductory/Intermediate

ANDY MILFORD

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- About the types of events Sysmon detects and where those events are logged
- About how to tune the types of events Sysmon detects, and how to deploy Sysmon on their systems
- How to create basic triggers with Scheduled Tasks and PowerShell when certain types of activity is detected by Sysmon

CRT04

Fast Focus: Baby Steps to Resilience - Not Quite 0 to Not Quite 60 in Not Quite 60 Seconds

Introductory

ADRIAN PORTER

Tuesday, November 14, 1:30 - 1:50pm

You will learn:

- To 'Lift Where You Stand'
- Create a Roadmap to Resilience
- Antique Roadshow: Search through your organizations junk drawer to find the value

CRT08

Sleeping While the Wind Blows: Lessons from Real-Life Disasters for IT Professionals

Introductory

ADRIAN PORTER

Tuesday, November 14, 2:45 - 4:00pm

You will learn:

- That preparation is more than a technical approach
- Communication with yourself and others
- Keeping a cool head during pressure situations is a great, but challenging recipe for success

CRW02

Table Top Exercises - An Underutilized Security Tool?

Introductory

ADRIAN PORTER

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- Purpose of Tabletop Exercises
- Identify scenarios and methods of engaging with your organization
- Expand your understanding of the power of scenario-based exercises

CRW08

Power Your M365 Security Incident Response with Microsoft Sentinel

Advanced

JOHN JOYNER

Wednesday, November 15, 4:00 - 5:15pm

You will learn:

- Connecting M365 E5 Security Services to One Another and Microsoft Sentinel for Protection Multiplication
- Real-World Alerting Examples and Incident Response Protocols, Including SOAR Automations, for Client and Server Threat Protection
- How Defender for Cloud Apps and Defender for Identity specifically mitigate ransomware and insider data exfiltration threats

CRTH08

So, My Credentials Have Been Leaked... Now What?

Introductory

DWAYNE MCDANIEL

Thursday, November 16, 2:30 - 3:45pm

You will learn:

- How to tell if you have a secret leakage incident
- An overview of incident response planning
- About creating playbooks for future incident preparedness

"I LIKED THE ABILITY TO GO TO TECHMENTOR TALKS AND CLOUD & CONTAINERS LIVE! TALKS EVEN THOUGH VISUAL STUDIO LIVE! WAS MY PRIMARY CONFERENCE. SINCE I REGISTERED, MY ROLE CHANGED SO IT WAS GREAT TO STILL BE ABLE TO ATTEND AND HAVE APPLICABLE SESSIONS."

– Live! 360 Orlando 2022 Attendee

CYBERSECURITY & RANSOMWARE LIVE! SESSION DESCRIPTIONS BY TRACK *(continued)*

RANSOMWARE INDUSTRY

Learn defensive strategies explicitly tailored for the ransomware industry. First, understand the tactics, techniques, and procedures (TTPs) employed by threat actors behind ransomware attacks. Next, explore how to effectively defend against such attacks through simulation exercises, incident response planning, and case studies. Topics covered include incident detection and response, ransomware prevention, mitigation techniques, and recovery strategies. Finally, equip yourself with the knowledge and practical skills to fortify an organization's defenses against ransomware.

CRW01

52 Mins from Initial Access to Ransomware - Is Your Defensive Team Ready?

Advanced

MAARTEN GOET

Wednesday, November 15, 8:00 - 9:15am

You will learn:

- The types of ransomware groups
- Attack timelines
- Cloud defenses

CRW04

Best Tips on How to Start a Cybersecurity Assessment

Intermediate

OMAR VALERIO

Wednesday, November 15, 9:30 - 10:45am

You will learn:

- A better understanding of your Infrastructure
- To start developing a Cybersecurity Assessment
- Policies and different types of malware

CRW05

Surviving a Ransomware Attacks with Microsoft Defender 365

Introductory/Intermediate

DAVE KAWULA AND JOHN O'NEILL SR.

Wednesday, November 15, 2:00 - 3:15pm

You will learn:

- Overview of the Microsoft 365 Defender protection architecture
- How to turn ransomware thunder into a squeak
- The key settings to turn on; and a few to leave off

CRTH01

Safeguarding Your Microsoft Environment: Ensuring Resilient Recovery from Ransomware Attacks

Intermediate

DAVE KAWULA AND CRISTAL KAWULA

Thursday, November 16, 8:00 - 9:15am

You will learn:

- The key components of a secure fabric in a Microsoft environment
- Advanced threat protection solutions and tools to proactively detect and mitigate ransomware attacks
- A comprehensive cyber disaster recovery plan to ensure resilient recovery from ransomware incidents

CRTH03

Stop Ransomware Before It Starts: Proactive Measures to Outsmart Cybercriminals

Intermediate

SAMI LAIHO

Thursday, November 16, 9:30 - 10:45am

You will learn:

- The current landscape of ransomware attacks and the tactics employed by cybercriminals
- How to educate and raise awareness among employees to prevent social engineering attacks and phishing attempts
- Insights into vulnerability management practices and implementing effective security controls to mitigate ransomware risks

CRTH05

One Monday Morning - Ransomware Attack Post Mortem

Intermediate

DAVE KAWULA AND CRISTAL KAWULA

Thursday, November 16, 1:00 - 2:15am

You will learn:

- An in-depth understanding of the incident response process following a ransomware attack
- About the key components of an effective incident response plan and best practices for containment and recovery
- Strategies for effective communication during and after a ransomware incident, both internally and externally



PURPLE TEAM

The purple team track offers participants a unique opportunity to explore the intersection of offensive and defensive strategies in the context of the ransomware industry. Participants will gain insights into the tactics, techniques, and procedures (TTPs) employed by threat actors behind ransomware attacks and use that knowledge to enhance their defensive capabilities. The track will cover penetration testing, vulnerability analysis, threat modeling, and security assessment. Additionally, participants will engage in hands-on exercises that simulate real-world scenarios, enabling them to operate effectively in a purple team environment and strengthen their organization's defenses against ransomware.

CRT10

Consequences of Trust in Azure Active Directory

Introductory/Intermediate

NESTORI SYYNIMAA

Tuesday, November 14, 4:15 - 5:30pm

You will learn:

- The concept of trust in the security context
- Understand trust-related risks regarding Azure AD
- Best practices for configuring Azure AD security options

RED TEAM TACTICS AND TECHNIQUES

The red team track focuses on offensive security techniques and strategies to identify vulnerabilities and weaknesses in an organization's security posture. Participants will learn to think like an attacker and perform comprehensive security assessments. The track will cover reconnaissance, vulnerability exploitation, privilege escalation, lateral movement, and post-exploitation topics. In addition, participants will engage in practical exercises, capture-the-flag challenges, and simulated attack scenarios, honing their skills as red team members and enabling them to provide valuable insights to organizations on potential security gaps and risks.

CRT02

Red vs. Blue: Diving into the Breach

Advanced

MICHAEL VAN HORENBEECK

Tuesday, November 14, 9:15 - 10:30am

You will learn:

- What are common attack scenarios seen in the real world?
- What are the challenges Blue Teams face, and how can they be overcome?
- How Microsoft solutions can help protect, detect, and respond against common attacks

“PRESENTERS BY AND LARGE HAD PLEASANT, ENGAGING PERSONALITIES AND WERE VERY APPROACHABLE OUTSIDE THEIR SESSIONS.”

– Live! 360 Orlando 2022 Attendee



CYBERSECURITY & RANSOMWARE LIVE! SPEAKERS

CONFERENCE CHAIRS



Sami Laiho
Chief Research Officer,
Adminize
Cybersecurity & Ransomware
Live! Conference Co-Chair

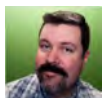


Dave Kawula
Principal Consultant, TriCon
Elite Consulting
Cybersecurity & Ransomware
Live! Conference Co-Chair

SPEAKERS



Émile Cabot
Principal Consultant,
TriCon Elite Consulting



Alton Crossley
Software Engineer in Security



Adam Felts
IT Professional



Maarten Goet
Microsoft MVP & RD



Jay Gundotra
CEO, ENow



John Joyner
Senior Director, Technology at
AccountabilIT, Azure Architect
Expert, Microsoft Azure MVP



Cristal Kawula
President,
TriCon Elite Consulting



Dave Kawula
Principal Consultant,
TriCon Elite Consulting



Sami Laiho
Chief Research Officer,
Adminize



Dwayne McDaniel
Developer Advocate,
GitGuardian



Andy Milford
CEO, RDPSoft



John O'Neill, Sr.
Chief Technologist,
AWS Solutions



Adrian Porter
Sr. Data Security Manager
and Protection Officer,
1-800 CONTACTS



Jan Ketil Skanke
MVP Enterprise Mobility,
MVP Security, Partner,
CloudWay



Nestori Syynimaa
Senior Principal Security
Researcher, Secureworks



Omar Valerio
CIO / CTO / IT Director,
Westminster Christian School



Michael Van Horenbeeck
CEO and Sr. Architect,
The Collective



PARTNER, SPONSORS & EXHIBITORS

EVENT PARTNER



Founded in 1975, Microsoft (Nasdaq "MSFT") is the worldwide leader in software, services and Internet technologies for personal and business computing. Microsoft offers a wide range of innovative products and services designed to help individuals and organizations realize their full potential. www.microsoft.com





PARTNER, SPONSORS & EXHIBITORS *(continued)*

PLATINUM SPONSORS



ENow specializes in optimizing the service delivery of mission-critical Microsoft collaboration and identity infrastructure. Our digital experience monitoring and analytics for Entra ID, Active Directory and Microsoft 365 transforms the way IT supports these complex services which enable organizations to improve service delivery, increase workplace productivity, and lower total cost of ownership while maintaining robust security against unauthorized access. Find out more at www.enowsoftware.com.



SolarWinds (NYSE:SWI) is a leading provider of simple, powerful, secure observability and IT management software built to enable customers to accelerate their digital transformation. Our solutions provide organizations worldwide—regardless of type, size, or complexity—with a comprehensive and unified view of today's modern, distributed, and hybrid network environments. We continuously engage with IT service and operations professionals, DevOps and SecOps professionals, and database administrators (DBAs) to understand the challenges they face in maintaining high-performing and highly available hybrid IT infrastructures, applications, and environments. The insights we gain from them, in places like our [THWACK](#) community, allow us to address customers' needs now and in the future. Our focus on the user and our commitment to excellence in end-to-end hybrid IT management have established SolarWinds as a worldwide leader in solutions for observability, IT service management, application performance, and database management. Learn more today at www.solarwinds.com.



Particular Software is a leading provider of messaging and integration solutions. Our platform, which includes NServiceBus, helps developers to build, monitor, and maintain scalable and reliable distributed systems by leveraging the power of message-based architectures. You write the code that matters, we'll handle the infrastructure. Find out more at particular.net.



Wisej.NET is a cross-platform web framework for building modern HTML5 applications using .NET and C#/VB.NET instead of HTML and JavaScript. It contains everything you'll need to create mission-critical web applications, including WYSIWYG designer integrated with Visual Studio, UI components, session handling, state management, and backend integration. Thanks to Wisej.NET, desktop-based business applications can be migrated to the web in a matter of months. Wisej.NET cloud migration services are available for VB6, WinForms, and other technologies. www.wisej.com



PARTNER, SPONSORS & EXHIBITORS *(continued)*

GOLD SPONSORS



Progress (NASDAQ: PRGS) provides the leading platform for developing and deploying mission-critical business applications with its award-winning Telerik .NET and Kendo UI JavaScript user interface components/controls, reporting solutions, and developer productivity tools. The Telerik and Kendo UI products empower developers to build modern high-performance apps with outstanding UI. To further accelerate business success, Progress offers a composable approach that combines the best-of-breed Progress solutions and tools for delivering modern digital experiences. The expanded portfolio includes Telerik, Kendo UI, Fiddler, Corticon, MOVEit, and Sitefinity. Learn more at www.progress.com and www.telerik.com



Rollbar provides real-time error monitoring & debugging tools for developers. Proactively discover, predict, and resolve errors in real-time with Rollbar's error monitoring platform. Learn more today at rollbar.com.

SILVER SPONSORS



Vonage has everything you need to build connected applications with their APIs for SMS, Voice, Video, Verify and more. Whether you want to make and receive phone calls with code, reach users by the messaging platforms they prefer or ensure that users provide the correct contact details, they've got you covered. Easily integrate with social chat apps such as Facebook Messenger, WhatsApp and Viber, or build in-app voice and messaging experience on mobile and web. Vonage has quick solutions made easy for you. <https://developervonage.com/>



Xebial Xpirit is a leading Microsoft technology and DevOps consultancy that helps businesses become high performing.

With a team of experts including 20 Microsoft MVPs and 5 Microsoft Regional Directors Xebial Xpirit has the experience and expertise to help businesses adopt Microsoft technologies, modernize applications, and implement new IT systems.

Xebial Xpirit provides training and managed services to help businesses get the most out of their cloud journey. Xebial Xpirit is committed to helping businesses succeed by improving their agility, efficiency, and security. Xpirit.com

PARTNER, SPONSORS & EXHIBITORS *(continued)*

EXHIBITORS



GrapeCity's family of products provides developers, designers, and architects with the ultimate collection of easy-to-use tools for building modern, high-performance, apps. With 30+ years of experience, our experts anticipate the needs of the market and offer the industry's best support. Our collection includes spreadsheets and reporting tools, grids, charts, and UI components for .NET, JavaScript, and Java enterprise apps. Our embedded BI platform provides system integrators and ISVs with a fully customizable, end-to-end BI platform. Our lightweight server architecture offers flexible deployment and integration options within any web application.

GrapeCity is an award-winning Microsoft Gold Certified Partner. Learn more at grapecity.com.



National University is a San Diego-based nonprofit, founded in 1971 by retired U.S. Navy Capt. David Chigos. Our Mission is to provide accessible, achievable higher education to busy adult learners just like you. That's why we offer four-week classes across over 75 on-site and online programs so you can start classes sooner and finish your degree faster. Since our founding, we've had the honor and privilege of educating students across the U.S and the world, allowing our community to grow to over 180,000 alumni worldwide. Learn more at www.nu.edu.



Rencore is a B2B software company providing award-winning solutions essential for staying in control of cloud collaboration technologies. Our customers rely on our tools to simplify, automate, and speed up their everyday governance, risk, and compliance challenges. Rencore's diverse, global customer base ranges from mid-sized businesses to enterprises that use their products as SaaS or self-hosted tools. Consultancies and managed service providers build their cloud governance and operations services around Rencore's powerful solutions. rencore.com/en



As a managed security services provider (MSSP), SEI Sphere provides comprehensive business solutions that deliver cybersecurity, network operations, and cloud services. Supporting and securing the evolving IT needs of today's regulated and fast-growing businesses, SEI Sphere helps them build and maintain a secure technology foundation. For more than 50 years, SEI has provided technology platforms and solutions that enable clients to focus on strategic initiatives and drive future growth. For more information, visit seic.com/sphere.



Shinydocs automates the process of finding, identifying, and actioning the exponentially growing amount of unstructured data, content, and files stored across your business. Our solutions and experienced team work together to give organizations an enhanced understanding of their content to drive key business decisions, reduce the risk of unmanaged sensitive information, and improve the efficiency of business processes. Our solution works in the background, ensuring no change management or end user disruption. www.shinydocs.com

Please check live360events.com/orlando for the growing list of sponsors and partners for the event.



CONFERENCE VENUE, HOTEL DEALS & TRAVEL



COMBINE BUSINESS AND PLEASURE! MAKE YOUR TIME AT LIVE! 360 ORLANDO EVEN BETTER

by bringing the family and staying at one of Loews Universal Orlando Resorts. The Loews Royal Pacific Resort will be home to all Visual Studio Live!, SQL Server Live!, TechMentor, Artificial Intelligence Live!, Cloud & Containers Live!, and Cybersecurity & Ransomware Live! Orlando sessions and activities.

CONFERENCE LOCATION

Loews Royal Pacific Resort
6300 Hollywood Way
Orlando, Florida, 32819

HOTEL INFORMATION

Enjoy vibrant, retro-style with rooms designed for fun and affordability. Relax with a splash, surrounded by amazing iconic architecture inspired by classic Florida beach resorts of the 1950s and 60s. Sample a variety of options in the incredible food court. Every day comes with fun for all ages with two massive pools, a winding river, a bowling alley and more. Plus you are just a short 10-15 minute walk to the Royal Pacific Resort where all Live! 360 sessions are taking place.

CABANA BAY BEACH RESORT

6550 Adventure Way
Orlando, FL 32819

Special attendee rate: \$114.00*

Book by: October 20, 2023

Reservations: 833.243.4731

To make your hotel reservation, please [book online](#) or call Reservations at 833.243.4729 and ask for the Live! 360 Room Block.



Rooms at Universal's Cabana Bay Beach Resort in the Live! 360 Room Block also include the following:

- Complimentary in-room internet connectivity**
- Complimentary use of the fitness center
- Exclusive Universal Orlando theme park benefits - Click [here](#) for more details.

*** Rooms are subject to availability and applicable sales and local taxes, so book your accommodations today.*

*** Premium wireless access is complimentary for up to 4 devices per room for a 24-hour period 1pm to 1pm.*

CONFERENCE + HOTEL PACKAGE

If you add the Hotel Package when registering, a hotel room at the Cabana Bay Beach Resort will be reserved for you. The conference center where the event is being held is located a short 10 minute walk from the Cabana Bay.

**FOR THE MOST UP-TO-DATE
HOTEL OPTIONS, VISIT THE
LIVE! 360 TRAVEL PAGE.**



CONFERENCE VENUE, HOTEL DEALS & TRAVEL *(continued)*

TRAVEL

CAR RENTAL DISCOUNTS

Avis Rent-a-Car is offering a discount on car rental for Live! 360 Orlando attendees. To receive the discounted rates, call Avis at 800.331.1600 and use the Avis Worldwide Discount (AWD) number D005872, or click here to [make your reservation online](#).

AIRPORT TRANSPORTATION (ORLANDO INTERNATIONAL AIRPORT)

Loews Hotels at Universal Orlando do not provide airport transportation, but there are several options:

Mears Transportation: 800.759.5219

Mears provides convenient and affordable transportation between the Orlando International Airport and both Loews Royal Pacific Resort and Loews Sapphire Falls Resort. One way fares start at \$18. This is a shuttle service that will have other stops along the way.

Mears can also assist with sedan reservations or advance taxi reservations.

Taxi: One way fares from Orlando International Airport (MCO) average \$45-\$50

PARKING

Loews Royal Pacific Resort & Loews Sapphire Falls Resort Self or valet parking for Live! 360 attendees:

- Self-parking is \$15.00* per day
- Valet parking is \$23.00* per day

**Rates shown are discounted for Live! 360 attendees and subject to change without prior notice.*

UNIVERSAL ORLANDO® THEME PARK TICKET INFORMATION

Looking to relax and have some fun after a long day of learning? When you stay with us at the Loews Royal Pacific Hotel, you'll receive some great perks if you plan to head over to Universal Orlando® Theme Park - be sure to take advantage of everything our hotels have to offer!

Theme Park Tickets

[Click here](#) to purchase Universal Orlando® theme park tickets.

After 2pm Convention Tickets

Click [here](#) to purchase your after 2pm discounted tickets; or once you arrive and check in for Live! 360, you can show your conference badge at the Universal Orlando ticket desk in the lobby of either conference hotel and purchase after 2:00pm discounted tickets.

Note: you need a Universal Orlando® theme park "Park-to-Park" pass to ride the Hogwarts™ Express train between the two parks to experience all of the Harry Potter™ magic and excitement.

DISCOVER ORLANDO AND THE UNIVERSAL ORLANDO AREAS

Visit [orlandoinfo.com](#) for information on places to visit and things to do in the Orlando area. You can also visit [universalorlando.com/convention](#) for more information on Universal Orlando® Resort.

FOR MORE INFORMATION, VISIT: [live360events.com/travel](#)



CONFERENCE AND HOTEL PRICING PACKAGES

LIVE! 360 OFFERS SEVERAL CONFERENCE AND HOTEL PACKAGES to best suit your needs and budget. Register now to save your seat and book your hotel early before the hotel of your choice sells out!

Live! 360 offers six in-depth co-located technical conferences in one. When you purchase any Live! 360 6-Day, 5-Day, 4-Day, or 3-Day package, you can customize your conference experience by attending sessions at any of the six co-located events (Visual Studio Live!, SQL Server Live!, TechMentor, Artificial Intelligence Live!, Cloud & Containers Live!, and Cybersecurity & Ransomware Live!) – all for one low price (just choose a “primary” conference when registering).

CONFERENCE PACKAGES				
Every Conference Package grants you access to every Keynote, Session, Breakfast, Lunch, and Welcome Reception	SUMMER SAVINGS PRICING UNTIL AUGUST 18	SUPER EARLY BIRD PRICING UNTIL SEPTEMBER 22	EARLY BIRD PRICING UNTIL OCTOBER 20	STANDARD PRICING UNTIL NOVEMBER 12
6-DAY CONFERENCE PACKAGE + Full Day Hands-On Lab and Workshops Sunday - Friday	\$3,175	\$3,275	\$3,375	\$3,675
5 DAY CONFERENCE PACKAGE + Workshops Monday - Friday	\$2,675	\$2,775	\$2,875	\$3,175
4 DAY CONFERENCE PACKAGE + Monday OR Friday Workshop Monday - Thursday OR Tuesday - Friday	\$2,175	\$2,275	\$2,375	\$2,675
3 DAY CONFERENCE PACKAGE Tuesday - Thursday	\$1,775	\$1,775	\$1,875	\$2,075



CONFERENCE AND HOTEL PRICING PACKAGES *(continued)*

CONFERENCE LABS AND WORKSHOPS	SUMMER SAVINGS PRICING UNTIL AUGUST 18	SUPER EARLY BIRD PRICING UNTIL SEPTEMBER 22	EARLY BIRD PRICING UNTIL OCTOBER 20	STANDARD PRICING UNTIL NOVEMBER 12
FULL DAY HANDS-ON LAB Sunday Only	\$700	\$700	\$750	\$750
FULL DAY WORKSHOP PASS Monday OR Friday	\$650	\$650	\$650	\$650

ADD THE HOTEL PACKAGE

If you add the Hotel Package when registering, a hotel room at the Cabana Bay Beach Resort will be reserved for you.

** The Hotel Package includes applicable state, local and occupancy taxes.*

6 DAY HOTEL PACKAGE*	5 DAY HOTEL PACKAGE*	4 DAY HOTEL PACKAGE*	3 DAY HOTEL PACKAGE*
\$775	\$650	\$525	\$400
Check In: Saturday, November 11 Check Out: Friday, November 17	Check In: Sunday, November 12 Check Out: Friday, November 17	Check In: Sunday, November 12 Check Out: Friday, November 16 or Check In: Monday, November 13 Check Out: Friday, November 17	Check In: Monday, November 13 Check Out: Thursday, November 16



DISCOUNTS & SPECIAL SAVINGS

TEAM DISCOUNTS: BRING THE TEAM AND SAVE BIG!

Live! 360 Orlando offers savings to teams of 3 or more from the same company. (Team Discount pricing below is “per attendee”).

Looking to bring 10 or more? Contact our Conference Registrar Sara Ross at sross@converge360.com or at 949.296.9840.

TEAM PACKAGES <i>* Team Prices quoted are “per-person”</i>	SUMMER SAVINGS PRICING UNTIL AUGUST 18	SUPER EARLY BIRD PRICING UNTIL SEPTEMBER 22	EARLY BIRD PRICING UNTIL OCTOBER 20	STANDARD PRICING UNTIL NOVEMBER 12
6-DAY CONFERENCE PACKAGE + Full Day Hands-On Lab and Workshops Sunday - Friday	\$2,575	\$2,575	\$3,075	\$3,375
5 DAY CONFERENCE PACKAGE + Workshops Monday - Friday	\$2,575	\$2,475	\$2,575	\$2,875
4 DAY CONFERENCE PACKAGE + Monday OR Friday Workshop Monday - Thursday OR Tuesday - Friday	\$1,575	\$1,575	\$2,075	\$2,375

MORE DISCOUNTS

ALUMNI

Welcome back! If you have attended any Live! 360, Visual Studio Live! or TechMentor event, you qualify for our special alumni discount. You should receive alumni special promotions, but if not, please contact our Conference Registrar Sara Ross at sross@converge360.com or 949.296.9840.

EDUCATION

We offer full-time college students and faculty from accredited universities a discount. To receive this discount, please contact our Conference Registrar Sara Ross at sross@converge360.com or 949.296.9840. Subject to Live! 360 verification.

NEW DEVELOPER OR IT PRO

If you are a new Developer or IT Pro (or new to the Microsoft Platform) with less than three years of experience, you are eligible for \$600 off of our full price conference registration to help accelerate your career. Use Promo Code NDD. Subject to Live! 360 verification.

GOVERNMENT/ NON-PROFIT

Employees of a national, federal, state, provincial, or local government entity are eligible to take advantage of our discount. To receive this discount, please contact our Conference Registrar Sara Ross at sross@converge360.com or 949.296.9840. Subject to Live! 360 verification.