

Sunday, September 30

Registration and TechWell Experience—7:30am–6:00pm

7:30 am to 6:00 pm

Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

Multi-day Training Classes Begin—8:30am–5:00pm

8:30 am to 5:00 pm

Agile Test Automation—ICAgile (2-Day)—SOLD OUT ^[8]

Chris Blain

8:30 am to 5:00 pm

Mobile Application Testing (2-Day) ^[10]

Brian Hicks

8:30 am to 5:00 pm

Security Testing for Test Professionals (2-Day) ^[12]

Jeffery Payne

8:30 am to 5:00 pm

Real-World Software Testing with Microsoft Visual Studio® (3-Day) ^[14]

Anna Russo

8:30 am to 5:00 pm

Foundations of DevOps—ICAgile Certification (2-Day) ^[16]

Tom Stiehm

8:30 am to 5:00 pm

Performance, Load, and Stress Testing (2-Day) ^[18]

Dawn Haynes

8:30 am to 5:00 pm

Software Tester Certification—Foundation Level (3-Day) ^[20]

Conrad Fujimoto

8:30 am to 5:00 pm

Agile Tester Certification (2-Day) ^[22]

Rob Sabourin

8:30 am to 5:00 pm

Python® for Testers (2-Day) ^[24]

Fredrik Håård

8:30 am to 5:00 pm

Lunch— 12:00pm-1:00pm

12:00 pm to 1:00 pm

Training Classes Continue— 1:00pm–5:00pm

1:00 pm to 5:00 pm

Monday, October 1

Registration and TechWell Experience— 7:00am–4:30pm

7:00 am to 4:30 pm

Continental Breakfast— 7:30am–8:30am

7:30 am to 8:30 am

Multi-day Training Classes Continue— 8:30am–5:00pm

8:30 am to 5:00 pm

Tutorial MA Critical Thinking for Software Testers ^[26] Preview ^[26]

Michael Bolton

8:30 am to 4:30 pm

Tutorial MB What Testers Must Know about Git and GitHub ^[28] Preview ^[28]

Wilson Mar

8:30 am to 4:30 pm

Tutorial MC Artificial Intelligence and Machine Learning Skills for the Testing World ^[30] Preview ^[30]

Tariq King, Jason Arbon
8:30 am to 4:30 pm

Tutorial MD Fundamentals of Testing Requirements [32]  Preview [32] **NEW**

Isabel Evans
8:30 am to 12:00 pm

Tutorial ME Better Test Design for Great Test Automation and DevOps [34]

 Preview [34]

Hans Buwalda
8:30 am to 12:00 pm

Tutorial MF Implement BDD with Cucumber and SpecFlow [36]  Preview [36]

Mary Thorn
8:30 am to 12:00 pm

Tutorial MG Using Docker Containers for Automating Web Testing [38]

 Preview [38] **NEW**

Gene Gotimer
8:30 am to 12:00 pm

Tutorial MH Measurement and Metrics for Test Management [40]  Preview [40]

Mike Sowers
8:30 am to 12:00 pm

Lunch— 12:00pm-1:00pm

12:00 pm to 1:00 pm

Full-Day Tutorials Continue— 1:00pm–4:30pm

1:00 pm to 4:30 pm

Tutorial MI Influence Diagrams: A New Way to Understand Testing [42]

 Preview [42]

Isabel Evans
1:00 pm to 4:30 pm

Tutorial MJ Instill a DevOps Testing Culture in Your Team and Organization [44]

 Preview [44] **NEW**

Adam Auerbach
1:00 pm to 4:30 pm

Tutorial MK Achieving Real Test Agility with Session-Based Exploration [46]

 Preview [46] **NEW**

Jon Bach

1:00 pm to 4:30 pm

Tutorial ML Test Automation Strategies for the Agile World [48]  Preview [48]

**SOLD
OUT**

Bob Galen

1:00 pm to 4:30 pm

Tutorial MM System-Level Test Automation: Ensuring a Good Start [50]

 Preview [50]

Chris Loder

1:00 pm to 4:30 pm

Registration Desk Hours—Closes at 4:30pm

4:30 pm

Tuesday, October 2

Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

Registration and TechWell Experience—7:30am–5:00pm

7:30 am to 5:00 pm

Multi-day Training Classes Continue—8:30am–5:00pm

8:30 am to 5:00 pm

Tutorial TAA Rapid Introduction to Rapid Software Testing [52]  Preview [52]

Michael Bolton

8:30 am to 4:30 pm

Tutorial TB Selenium Test Automation: From the Ground Up [54]  Preview [54]

**SOLD
OUT**

Max Saperstone

8:30 am to 4:30 pm

Tutorial TC Taking Test Design Techniques Beyond Planning [56]  Preview [56]

Isabel Evans

8:30 am to 12:00 pm

Tutorial TD Testing Strategies for Microservices [58]  Preview [58] **NEW**

Tariq King

8:30 am to 12:00 pm

Tutorial TE Agile Testing: Team Tactics that Deliver the Goods [60]  Preview [60]

**SOLD
OUT**

Bob Galen, Mary Thorn

8:30 am to 12:00 pm

Tutorial TF Technical Test Automation Challenges: Patterns and Solutions [62]

 Preview [62]

Seretta Gamba

8:30 am to 12:00 pm

Tutorial TG Security Testing for Test Professionals [64]  Preview [64]

Jeffery Payne

8:30 am to 12:00 pm

Tutorial TH Data Analytics and Machine Learning [66]  Preview [66]

Eun Chang, Ken Johnston

8:30 am to 12:00 pm

Tutorial TI Test Design for Fully Automated Build Architecture [68]  Preview [68]

NEW

Melissa Benua

8:30 am to 12:00 pm

Tutorial TJ Test Estimation in the Face of Uncertainty [70]  Preview [70]

Rob Sabourin

8:30 am to 12:00 pm

Lunch— 12:00pm– 1:00pm

12:00 pm to 1:00 pm

Full- and Half-Day Tutorials Continue— 1:00pm–4:30pm

1:00 pm to 4:30 pm

Tutorial TK Agile Test Team Leadership: From Concept to Product [72]

 Preview [72]

**SOLD
OUT**

Bob Galen, Mary Thorn

1:00 pm to 4:30 pm

Tutorial TL How to Break Software: Robustness Edition ^[74]  Preview ^[74]

Dawn Haynes

1:00 pm to 4:30 pm

Tutorial TM Integrating Automated Testing into DevOps ^[76]  Preview ^[76]

Jeffery Payne

1:00 pm to 4:30 pm

Tutorial TN Unit Testing: What Every Developer and Tester Should Know ^[78]

 Preview ^[78]

Tariq King

1:00 pm to 4:30 pm

Tutorial TO Performance Testing Services for Web and Cloud-Based

Architectures ^[80]  Preview ^[80]  NEW

Amber Race

1:00 pm to 4:30 pm

Tutorial TP Testing Leadership IQ ^[82]  Preview ^[82]

Jennifer Bonine

1:00 pm to 4:30 pm

Tutorial TQ Shift Left to Test User Experience ^[84]  Preview ^[84]

Isabel Evans

1:00 pm to 4:30 pm

Tutorial TR Testing Today's Web Applications: Tools You Can Use ^[86]  Preview ^[86]

Alan Page

1:00 pm to 4:30 pm

Welcome Reception—4:30pm–5:30pm

4:30 pm to 5:30 pm

Wednesday, October 3

Registration and TechWell Experience—7:00am–5:30pm

7:00 am to 5:30 pm

Bonus Session B1 Taking Flight: How Continuous Testing in DevOps will Help

you Achieve Business Success ^[88] [Preview](#) ^[88]

Alex Martins, CA Technologies, Adam Auerbach, EPAM Systems

7:15 am to 8:15 am

Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

Keynote K1 The Life of a Tester, from Once Upon a Time to Happily Ever After

^[90] [Preview](#) ^[90]

Jennifer Bonine, tap|QA, Janna Loeffler, Carnival Corp.

8:30 am to 9:45 am

Keynote K2 Testing Outside of the Box ^[92] [Preview](#) ^[92]

Jon Bach, eBay, Inc.

10:00 am to 11:00 am

Networking Break • Visit the Expo—10:30am–2:00pm

11:00 am to 11:30 am

Industry Technical Presentation ITP1 Case Study: Effective Test approach for

Multinational SAP Hybris digital commerce Projects ^[94] [Preview](#) ^[94]

Hailey Bak, WISEWIRES

11:30 am to 12:30 pm

Industry Technical Presentation ITP2 Accessibility Testing in Agile ^[96] [Preview](#) ^[96]

Travis Marasca, Deque Systems Inc.

11:30 am to 12:30 pm

Industry Technical Presentation ITP3 A Flight Plan For Your Continuous Testing

Journey: Transforming the Traditional Testing COE ^[98] [Preview](#) ^[98]

Adam Auerbach, EPAM Systems, Alex Martins, CA Technologies, Stephen Feloney, CA Technologies

11:30 am to 12:15 pm

Concurrent Session W1 Fighting Test Flakiness: A Disease that Artificial

Intelligence Will Cure ^[100] [Preview](#) ^[100]

Tariq King, Ultimate Software

11:30 am to 12:30 pm

Concurrent Session W2 7 Proven Ways to Ruin Your Test Automation ^[102]

 Preview [102]

Seretta Gamba, Freelancer

11:30 am to 12:30 pm

Concurrent Session W3 Help! I am Drowning In 2 Week Sprints...Please Tell Me

What NOT to Test! [104]  Preview [104]

Mary Thorn, Mary Thorn Consulting

11:30 am to 12:30 pm

Concurrent Session W4 Testing In The Dark [106]  Preview [106]

Rob Sabourin, AmiBug.com

11:30 am to 12:30 pm

Concurrent Session W5 Reduce Wait Time with Simulation + Test Data

Management [108]  Preview [108]

Chris Colosimo, Parasoft

11:30 am to 12:30 pm

Concurrent Session W6 The Logic of Verification [110]  Preview [110]

Michael Bolton, DevelopSense

11:30 am to 12:30 pm

Lunch in the Expo— 12:30pm– 1:30pm

12:30 pm to 1:30 pm

Industry Technical Presentation ITP4 DevOps/Agile Leaders vs Laggards: New Forrester Research on What Software Testing Practices and Metrics Really

Matter [112]  Preview [112]

Wayne Ariola, Tricentis

12:45 pm to 1:30 pm

Industry Technical Presentation ITP5 A Fresh Start: How The Pokémon Company International Focuses on Quality [114]  Preview [114]

Earl Adona, Mobile Labs, Jim Griffin, The Pokémon Company International

1:45 pm to 2:45 pm

Industry Technical Presentation ITP6 The Future of Test Automation: Resolving the Quality/Velocity using AI [116]  Preview [116]

Oren Rubin, Testim

1:45 pm to 2:45 pm

Industry Technical Presentation ITP7 Software Metrics Worth Measuring: Aligning Business Goals to Quality Metrics [118] [Preview](#) [118]

Adam Satterfield, Anthem

1:45 pm to 2:30 pm

Concurrent Session W10 The Art of Software Investigation [120] [Preview](#) [120]

Ben Simo, Medidata Solutions, Inc.

1:45 pm to 2:45 pm

Concurrent Session W11 Use Soap Opera Testing to Twist Real-Life Stories into Test Ideas [122] [Preview](#) [122]

Hans Buwalda, LogiGear

1:45 pm to 2:45 pm

Concurrent Session W12 Improve Planning Estimates by Reducing Your Human Biases [124] [Preview](#) [124]

Andrew Brown, SQS

1:45 pm to 2:45 pm

Concurrent Session W7 Marrying Artificial Intelligence with Software Testing: Challenges & Opportunities [126] [Preview](#) [126]

Wendy Siew Wen Chin, Intel Corporation, Heng Kar Lau, Intel Corporation

1:45 pm to 2:45 pm

Concurrent Session W8 No More Shelfware—Let's Drive [128] [Preview](#) [128]

Isabel Evans, Independent Consultant

1:45 pm to 2:45 pm

Concurrent Session W9 Managing BDD Automation Test Cases inside Test Management Systems [130] [Preview](#) [130]

Max Saperstone, Coveros

1:45 pm to 2:45 pm

Industry Technical Presentation ITP10 5 Essential Elements of a Successful CT Environment [132] [Preview](#) [132]

Eran Kinsbruner, Perfecto

3:00 pm to 3:45 pm

Industry Technical Presentation ITP8 ASTQB Road Map to Building Quality - and

Your Career ^[134] Preview ^[134]

Debbie Friedenber, Northbay Software Testing Group

3:00 pm to 4:00 pm

Industry Technical Presentation ITP9 Agile Teams Deserve Agile Testing ^[136]

 Preview ^[136]

Bria Grangard, SmartBear Software, Jonathan Fortunati, SmartBear

3:00 pm to 4:00 pm

Concurrent Session W13 How to Automate Testing for Next-Generation Interfaces (BOTs, Alexa, Mobile) ^[138] Preview ^[138]

Sanil Pillai, Infostretch

3:00 pm to 4:00 pm

Concurrent Session W14 Automation and Test Strategies to Save Our Project from the Brink of Collapse ^[140] Preview ^[140]

Jonathan Solórzano-Hamilton, Procore Technologies

3:00 pm to 4:00 pm

Concurrent Session W15 Compliance and Agility—How It Can Be Done ^[142]

 Preview ^[142]

Aprajita Mathur, Guardant Health

3:00 pm to 4:00 pm

Concurrent Session W16 Rediscover Exploratory Testing ^[144] Preview ^[144]

Ingo Philipp, Tricentis

3:00 pm to 4:00 pm

Concurrent Session W17 Engineering for Compatibility ^[146] Preview ^[146]

Melissa Benua, mParticle

3:00 pm to 4:00 pm

Concurrent Session W18 Risk Based Testing: Communicating WHY You Can't Test Everything ^[148] Preview ^[148]

Jenny Bramble, WillowTree Apps

3:00 pm to 4:00 pm

Networking Break • Visit the Expo—3:30pm–6:30pm

4:00 pm to 6:30 pm

Keynote K3 Lightning Strikes the Keynotes ^[150] Preview ^[150]

Rob Sabourin, AmiBug.com

4:15 pm to 5:15 pm

Reception in the Expo Hall 5:30pm–6:30pm

5:30 pm to 6:30 pm

Bonus SessionB2 The Future of AI in Software Development [152] [Preview](#) [152]

Raj Rao, AutonomiQ

6:45 pm to 7:45 pm

Thursday, October 4

Bonus SessionB3 The State of API Testing: New Industry Survey Results

Highlight the Challenges of Test Automation [154] [Preview](#) [154]

Theresa Lanowitz, voke, inc., Mark Lambert, Parasoft

7:15 am to 8:15 am

Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

Registration and TechWell Experience—8:00am–5:00pm

8:00 am to 5:00 pm

Keynote K4 Be the Lord of Your OWN Rings: How to Build Your OWN Insider

Testing Program [156] [Preview](#) [156]

Dona Sarkar, Microsoft

8:30 am to 9:45 am

Industry Technical Presentation ITP11 Applying Machine Learning and Data-Driven

Architecture to Selenium [158] [Preview](#) [158]

Greg Messer, TurnKey Solutions

9:45 am to 10:45 am

Industry Technical Presentation ITP12 There's More to Automation Than Just

Testing [160] [Preview](#) [160]

Marianne Hollier, HCL Technologies, Matt Tarnawsky, HCL Technologies, Christopher

Haggan, HCL Technologies

9:45 am to 10:45 am

Industry Technical Presentation ITP13 Continuous Testing Made Awesome with

Sauce Labs [162]  Preview [162]

Kunal Makhija, Sauce Labs

9:45 am to 10:30 am

Concurrent Session T1 Evolution—Not Revolution: Transforming Your Testing [164]

 Preview [164]

Julie Gardiner, Independent Consultant

9:45 am to 10:45 am

Concurrent Session T2 Frontend Testing: Stepping in and Collaborating with
Developers [166]  Preview [166]

Gil Tayar, Applitools

9:45 am to 10:45 am

Concurrent Session T3 Being More Agile Without Doing Agile [168]  Preview [168]

Dawn Haynes, PerfTestPlus, Inc.

9:45 am to 10:45 am

Concurrent Session T4 Building a Modern DevOps Enterprise Testing
Organization [170]  Preview [170]

Adam Auerbach, EPAM Systems

9:45 am to 10:45 am

Concurrent Session T5 Working with Anxiety: From Personal Weakness to
Career Strength [172]  Preview [172]

Julene Johnson, Lucid Software Inc.

9:45 am to 10:45 am

Concurrent Session T6 What Aircrews Can Teach Testing Teams [174]  Preview [174]

Peter Varhol, Kanda Software, Gerie Owen, QualiTest Group, Inc.

9:45 am to 10:45 am

Networking Break • Visit the Expo—10:45am–3:00pm

10:45 am to 11:15 am

Industry Technical Presentation ITP14 Assuring Business Outcomes through
Customer Experience Optimization [176]  Preview [176]

Michael Giacometti, Eggplant

11:15 am to 12:15 pm

Industry Technical Presentation ITP15 Leveraging Intelligent Test Automation for

Agile and DevOps [178] [Preview](#) [178]

Harshal Vora, QMetry

11:15 am to 12:15 pm

Industry Technical Presentation ITP16 Back to The Future of Test Automation: Technologies from the future that you can use today [180] [Preview](#) [180]

Chris Colosimo, Parasoft, Nathan Jakubiak, Parasoft

11:15 am to 12:00 pm

Concurrent Session T10 Automate Your Application Test Deployments with Docker [182] [Preview](#) [182]

Artem Golubev, TestRigor

11:15 am to 12:15 pm

Concurrent Session T11 What's an API and How Do I Test It? [184] [Preview](#) [184]

Paul Merrill, Beaufort Fairmont Automated Testing Services

11:15 am to 12:15 pm

Concurrent Session T12 7 Fundamentals of a Successful Testing Team [186]

[Preview](#) [186]

Greg Paskal, Ramsey Solutions

11:15 am to 12:15 pm

Concurrent Session T7 Building a Skilled Testing Practice In an Innovative Digital Agency [188] [Preview](#) [188]

Nimesh Patel, Valtech Canada

11:15 am to 12:15 pm

Concurrent Session T8 Delivering the Goods: Harmonizing Regulated and Agile Practices [190] [Preview](#) [190]

Griffin Jones, Congruent Compliance

11:15 am to 12:15 pm

Concurrent Session T9 Agile Performance Testing in the Real World [192]

[Preview](#) [192]

Amit Patel, Total Performance Consulting

11:15 am to 12:15 pm

Lunch in the Expo— 12:30pm– 1:30pm

12:30 pm to 1:30 pm

Industry Technical Presentation ITP17 It's All About The Peeps: Hiring And Retaining High-Performing Teams [194]  Preview [194]

Kirk Walton, tap|QA

12:30 pm to 1:30 pm

Industry Technical Presentation ITP18 Don't Break on Me: Using Machine Learning to Automatically Adjust Tests to Frequent Changes in Web Apps [196]

 Preview [196]

Dror Todress, TestCraft

12:30 pm to 1:30 pm

Industry Technical Presentation ITP19 Improve Resource Sharing, Lower Costs and Optimize Your Test Lab Network [198]  Preview [198]

Steven Shalita, Pluribus Networks

12:30 pm to 1:15 pm

Industry Technical Presentation ITP20 Scaling Test Automation with Environment-as-a-Service [200]  Preview [200]

Pascal Joly, Quali

1:30 pm to 2:30 pm

Industry Technical Presentation ITP21 Enterprise Test Management Right Inside Jira with KBC Group [202]  Preview [202]

Vitor Pelizza, Adaptavist

1:30 pm to 2:30 pm

Concurrent Session T13 AI for Testing Today (Panel: Part I) [204]  Preview [204]

Tariq King, Ultimate Software, Jason Arbon, test.ai

1:30 pm to 2:30 pm

Concurrent Session T14 Mission Critical Automation Testing [206]  Preview [206]

Mike Keith, Progressive Insurance, Domonic Nunley, Progressive Insurance

1:30 pm to 2:30 pm

Concurrent Session T15 Troubleshooting and Understanding Modern Systems: Tools Testers Need [208]  Preview [208]

Chris Blain, Medidata Solutions, Inc.

1:30 pm to 2:30 pm

Concurrent Session T16 What You Can't Measure, You Can't Improve:

Measurements for a Continuous Delivery Organization [210] [Preview](#) [210]

Ashwin Desai, Hudl

1:30 pm to 2:30 pm

Concurrent Session T17 Testing Imprecise Requirements [212] [Preview](#) [212]

David Gelperin, ClearSpecs Enterprises

1:30 pm to 2:30 pm

Concurrent Session T18 Why "Why...?" Can Be the Most Important Question for QA to Ask [214] [Preview](#) [214]

Jane Jeffers, Riot Games

1:30 pm to 2:30 pm

Networking Break • Visit the Expo—Closes at 3:00pm

2:30 pm to 3:00 pm

Industry Technical Presentation ITP23 Your Path To Promotion and Visual AI [216]

[Preview](#) [216]

James Lamberti, Applitools: AI-powered Visual Testing and Monitoring

3:00 pm to 4:00 pm

Industry Technical Presentation ITP24 The Future of AI in Software Development

[218] [Preview](#) [218]

Raj Rao, AutonomiQ

3:00 pm to 4:00 pm

Concurrent Session T19 AI for Testing Tomorrow (Panel: Part II) [220] [Preview](#) [220]

Tariq King, Ultimate Software, Jason Arbon, test.ai

3:00 pm to 4:00 pm

Concurrent Session T20 An Innovative Test Automation Approach without Making Test Cases [222] [Preview](#) [222]

Mehmet Duran, ProRail, Hatim Chahim, ProRail

3:00 pm to 4:00 pm

Concurrent Session T21 Everything I Learned about Automation, I Learned from Saturday Morning Cartoons [224] [Preview](#) [224]

Chris Loder, InGenius Software

3:00 pm to 4:00 pm

Concurrent Session T22 A Tale of Continuous Testing ^[226] [Preview](#) ^[226]

David Lumpkin, Craftsy

3:00 pm to 4:00 pm

Concurrent Session T23 Measuring and Maximizing Crowdsourced Vulnerability
Discovery ^[228] [Preview](#) ^[228]

Mike Shema, Cobalt.io

3:00 pm to 4:00 pm

Concurrent Session T24 Risk Based Testing – Are You Talking the Talk, Or
Walking the Walk? ^[230] [Preview](#) ^[230]

Gitte Ottosen, Capgemini

3:00 pm to 4:00 pm

Keynote K5 Testing Your Tests: Securing Confidence In Your Automation ^[232]

[Preview](#) ^[232]

Max Saperstone, Coveros

4:15 pm to 5:15 pm

Leadership Summit Session SMT1 Reception and Summit Kickoff: As a Leader,
What Is Keeping You Up at Night? ^[234] [Preview](#) ^[234]

Jeffery Payne, Coveros

5:30 pm to 6:30 pm

Friday, October 5

Registration Desk Hours—7:30am–3:00pm

7:30 am to 3:00 pm

Continental Breakfast—8:00am–8:30am

8:00 am to 8:30 am

Bonus Sessions—8:30am–4:30pm

8:30 am to 4:30 pm

Testing & Quality Leadership Summit (Summit Registration Required)

8:30am–4:30pm

8:30 am to 4:30 pm

Testing & Quality Leadership Summit ^[236]

8:30 am to 4:30 pm

Women Who Test ^[238]

8:30 am to 4:00 pm

Bonus Session B4 The Workshop on Regulated Software Testing (WREST) ^[240]

 Preview ^[240]

John McConda, Moser Consulting, Bill Moseley, Bayside Consultants

8:30 am to 4:30 pm

Lunch— 12:00pm– 1:00pm

12:00 pm to 1:00 pm

Leadership Summit & Bonus Sessions Continue— 1:00pm–4:30pm

1:00 pm to 4:30 pm
