

## Sunday, April 28

Registration—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 Tester Certification <sup>[8]</sup>

Mike Sowers

8:30 am to 5:00 pm

Python® for Testers <sup>[10]</sup>

Kristoffer Nordström

8:30 am to 5:00 pm

Agile Test Automation—ICAgile <sup>[12]</sup>

Rob Sabourin

8:30 am to 5:00 pm

Fundamentals of Selenium <sup>[14]</sup>

Max Saperstone

8:30 am to 5:00 pm

Software Tester Certification—Foundation Level <sup>[16]</sup>

Claire Lohr

8:30 am to 5:00 pm

Performance, Load, and Stress Testing <sup>[18]</sup>

Tauhida Parveen

8:30 am to 5:00 pm

## Hands-On with Behavior Driven Development <sup>[20]</sup>

Byron Katz

8:30 am to 5:00 pm

## Mobile Application Testing <sup>[22]</sup>

Brian Hicks

8:30 am to 5:00 pm

## Requirements-Based Testing Workshop <sup>[24]</sup>

Richard Bender

8:30 am to 5:00 pm

## Foundations of DevOps—ICAgile Certification <sup>[26]</sup>

Gene Gotimer

8:30 am to 5:00 pm

## Load Testing With JMeter™ <sup>[28]</sup>

Glenn Buckholz

8:30 am to 5:00 pm

## Security Testing for Test Professionals <sup>[30]</sup>

Jeffery Payne

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, April 29

## Registration—7:00am–4:30pm

7:00 am to 4:30 pm

## Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

## Full & Half-Day Tutorials—8:30am–12:00pm

8:30 am to 12:00 pm

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

8:30 am to 5:00 pm

### Tutorial MA Critical Thinking for Software Testers [32] [Preview](#) [32]

Michael Bolton

8:30 am to 4:30 pm

### Tutorial MB Driving Lessons for Test Automation Managers [34] [Preview](#) [34]

Seretta Gamba

8:30 am to 12:00 pm

### Tutorial MC Fundamentals of Testing Requirements [36] [Preview](#) [36]

Isabel Evans

8:30 am to 12:00 pm

### Tutorial MD Unit Testing: What Every Developer and Tester Should Know [38]

[Preview](#) [38]

Tariq King

8:30 am to 12:00 pm

### Tutorial ME System-Level Test Automation: Ensuring a Good Start [40]

[Preview](#) [40]

Chris Loder, Dorothy Graham

8:30 am to 12:00 pm

### Tutorial MF Agile Testing: Team Tactics that Deliver the Goods [42] [Preview](#) [42]

Bob Galen, Mary Thorn

8:30 am to 12:00 pm

### Tutorial MG Test Design for Fully Automated Build Architecture [44] [Preview](#) [44]

Melissa Benua

8:30 am to 12:00 pm

### Tutorial MH Pairwise Testing Explained [46] [Preview](#) [46] **NEW**

Lloyd Roden

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 Blockchain Quality: Securing Trust in a Digital Age <sup>[48]</sup>  Preview <sup>[48]</sup>

NEW

Dionny Santiago

1:00 pm to 4:30 pm

Tutorial MJ Instill a DevOps Testing Culture in Your Team and Organization <sup>[50]</sup>

 Preview <sup>[50]</sup>

Adam Auerbach

1:00 pm to 4:30 pm

Tutorial MK Getting a Grip on Cognitive Adaptive Testing <sup>[52]</sup>  Preview <sup>[52]</sup>

Julie Gardiner

1:00 pm to 4:30 pm

Tutorial ML Influence Diagrams: A New Way to Understand Testing <sup>[54]</sup>

 Preview <sup>[54]</sup>

Isabel Evans

1:00 pm to 4:30 pm

Tutorial MM Test Automation Strategies for the Agile World <sup>[56]</sup>  Preview <sup>[56]</sup>

Bob Galen, Mary Thorn

1:00 pm to 4:30 pm

Tutorial MN Testing Strategies for Microservices <sup>[58]</sup>  Preview <sup>[58]</sup>

Tariq King

1:00 pm to 4:30 pm

Tutorial MO Testing Leadership IQ <sup>[60]</sup>  Preview <sup>[60]</sup>

Jennifer Bonine

1:00 pm to 4:30 pm

Tutorial MP From User Story to Test Case <sup>[62]</sup>  Preview <sup>[62]</sup> **NEW**

Lloyd Roden

1:00 pm to 4:30 pm

Tutorial MQ Clean Coding Practices for Test Automation <sup>[64]</sup>  Preview <sup>[64]</sup> **NEW**

Angie Jones

1:00 pm to 4:30 pm

## Registration Desk Hours—Closes at 4:30pm

4:30 pm to 5:00 pm

## Speed Networking—5:15pm-6:00pm

5:15 pm to 6:00 pm

Tuesday, April 30

## Registration—7:30am–5:00pm

7:30 am to 5:00 pm

## Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

## Full- and Half-Day Tutorials—8:30am–12:00pm

8:30 am to 12:00 pm

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

8:30 am to 5:00 pm

## Tutorial TA Being Technical Enough: Learn Technical, Testing and Leadership Skills that Let You Soar <sup>[66]</sup> [Preview](#) <sup>[66]</sup> **NEW**

Lisa Crispin, Hilary Weaver-Robb

8:30 am to 4:30 pm

## Tutorial TB X-Ray Vision For Testers: How to Analyze Things <sup>[69]</sup> [Preview](#) <sup>[69]</sup> **NEW**

Michael Bolton

8:30 am to 4:30 pm

## Tutorial TC Introduction to Selenium <sup>[71]</sup> [Preview](#) <sup>[71]</sup>

Max Saperstone

8:30 am to 4:30 pm

## Tutorial TD Security Testing for Test Professionals <sup>[73]</sup> [Preview](#) <sup>[73]</sup>

Jeffery Payne

8:30 am to 12:00 pm

## Tutorial TE Technical Test Automation Challenges: Patterns and Solutions <sup>[75]</sup>

[Preview](#) <sup>[75]</sup>

Dorothy Graham

8:30 am to 12:00 pm

Tutorial TF Taking Test Design Techniques Beyond Planning <sup>[77]</sup> [Preview](#) <sup>[77]</sup>

Isabel Evans

8:30 am to 12:00 pm

Tutorial TG Artificial Intelligence and Machine Learning Skills for the Testing World <sup>[79]</sup> [Preview](#) <sup>[79]</sup>

Tariq King, Jason Arbon

8:30 am to 12:00 pm

Tutorial TH Agile Test Team Leadership: From Concept to Product <sup>[81]</sup>

[Preview](#) <sup>[81]</sup>

Bob Galen, Mary Thorn

8:30 am to 12:00 pm

Tutorial TI Test Estimation in the Face of Uncertainty <sup>[83]</sup> [Preview](#) <sup>[83]</sup>

Rob Sabourin

8:30 am to 12:00 pm

Tutorial TJ Quality and Testing Measures and Metrics <sup>[85]</sup> [Preview](#) <sup>[85]</sup>

Mike Sowers

8:30 am to 12:00 pm

Tutorial TK Test Data: Mining, Morphing, Managing and Maintaining It! <sup>[87]</sup>

[Preview](#) <sup>[87]</sup> **NEW**

Julie Gardiner

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 TL Visual Validation for Test Automation <sup>[89]</sup> [Preview](#) <sup>[89]</sup> **NEW**

Angie Jones

1:00 pm to 4:30 pm

Tutorial TM Testing Transformation: The Art and Science for Success <sup>[91]</sup>

[Preview](#) <sup>[91]</sup>

Jennifer Bonine

1:00 pm to 4:30 pm

Tutorial TN Integrating Automated Testing into DevOps <sup>[93]</sup>  Preview <sup>[93]</sup>

Jeffery Payne

1:00 pm to 4:30 pm

Tutorial TO Continuous Testing Using Containers <sup>[95]</sup>  Preview <sup>[95]</sup> **NEW**

Melissa Benua

1:00 pm to 4:30 pm

Tutorial TP Virtualization and Containers for Automating Web Testing <sup>[97]</sup>

 Preview <sup>[97]</sup>

Gene Gotimer

1:00 pm to 4:30 pm

Tutorial TQ How to Break Software: Robustness Edition <sup>[99]</sup>  Preview <sup>[99]</sup>

Dawn Haynes

1:00 pm to 4:30 pm

Tutorial TR Shift Left to Test User Experience <sup>[101]</sup>  Preview <sup>[101]</sup>

Isabel Evans

1:00 pm to 4:30 pm

Tutorial TS Better Test Design for Great Test Automation <sup>[103]</sup>  Preview <sup>[103]</sup>

Hans Buwalda

1:00 pm to 4:30 pm

Tutorial TT What Testers Must Know about Git and GitHub <sup>[105]</sup>  Preview <sup>[105]</sup>

Wilson Mar

1:00 pm to 4:30 pm

Welcome Reception—4:30pm–5:30pm

4:30 pm to 5:30 pm

Test Lab Kick-Off—5:30pm-7:30pm

5:30 pm to 7:30 pm

Wednesday, May 1

Morning Yoga/Morning Run—6:45am-7:30am

6:45 am to 7:30 am

Registration—7:00am–5:30pm


7:00 am to 5:30 pm

Networking Events— Lean Coffee (7:30am-8:30am) | Test Lab (All Day) |  
Couch Sessions (All Day) | Genius Testing Bar (All Day)

7:30 am to 8:30 am

Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

Keynote K1 Creative Trespassing: Sneak More Imagination into Your Work and  
Get More Done [107]  Preview [107]

Tania Katan, Creative Trespassing

8:30 am to 9:45 am

Keynote K2 Cutting through the Hype around Continuous Testing [109]

 Preview [109]

Jeffery Payne, Coveros

10:00 am to 11:00 am

Visit the Expo—10:30am–2:00pm


10:30 am to 2:00 pm

Networking Break in the Expo—11:00am-11:30am

11:00 am to 11:30 am

Concurrent Sessions—11:30am–12:30pm

11:30 am to 12:30 pm

Concurrent SessionW1 How Do I Work With These Millennials? Attracting and  
Retaining the Next Generation [111]  Preview [111]

Nikki Henry, Ladies Leading Ladies

11:30 am to 12:30 pm

Concurrent SessionW2 The Story of a Tester [113]  Preview [113]

Dorothy Graham, Software Test Consultant

11:30 am to 12:30 pm

Concurrent SessionW3 Data Curation: Refine and Shine [115]  Preview [115]

Michael Hobbs, Dell EMC

11:30 am to 12:30 pm

Concurrent SessionW4 Postmodern Testing [117]  Preview [117]



Jason Arbon, test.ai  
11:30 am to 12:30 pm

Concurrent Session W5 Agile Testing in a Waterfall World [119]  Preview [119]

Kat Rocha, Imperva, Inc.  
11:30 am to 12:30 pm

Concurrent Session W6 Automated Security Scanning for Your Delivery Pipeline

[121]  Preview [121]

Matthew Grasberger, Coveros  
11:30 am to 12:30 pm

Lunch in the Expo— 12:30pm–1:30pm

12:30 pm to 1:30 pm

Concurrent Sessions— 1:45pm–2:45pm

1:45 pm to 2:45 pm

Concurrent Session W10 The Dell EMC Journey in the Age of Smart Assistants [123]

 Preview [123]

Geoff Meyer, Dell EMC  
1:45 pm to 2:45 pm

Concurrent Session W7 The Who, What, Where, When and How of Test

Strategies [125]  Preview [125]

Janna Loeffler, Carnival Corp., Adam Satterfield, Anthem  
1:45 pm to 2:45 pm

Concurrent Session W8 Timeless Testing Skills for Modern Testers [127]

 Preview [127]

Gerie Owen, QualiTest Group, Inc  
1:45 pm to 2:45 pm

Concurrent Session W9 Big Data Migration to Cloud: Testing Challenges and

Strategies [129]  Preview [129]

Sanjay Srinivas, Texas Capital Bank  
1:45 pm to 2:45 pm

Concurrent Sessions— 3:00pm–4:00pm

3:00 pm to 4:00 pm

Concurrent Session W13 By the Reader, for the Reader: The Wall Street Journal's Secrets to Customer-Centric Experiences [131] [Preview](#) [131]

Sumeet Mandloi, Dow Jones

3:00 pm to 4:00 pm

Concurrent Session W14 Game Theory, the Test Engineering Path to Success [133]

[Preview](#) [133]

William Bell, Vocera Communication

3:00 pm to 4:00 pm

Concurrent Session W15 5 Essential Elements of a Successful Continuous Testing (CT) Environment [135] [Preview](#) [135]

Eran Kinsbruner, Perfecto

3:00 pm to 4:00 pm

Concurrent Session W16 No One Really Cares about Testing...a Perspective from a Billion Dollar App Team [137] [Preview](#) [137]

Andrew Bardallis, Target

3:00 pm to 4:00 pm

Concurrent Session W17 Shifting Left with Test Driven Development and CI/CD

[139] [Preview](#) [139]

Krithika Muthusubramanian, Fidelity Investments

3:00 pm to 4:00 pm

Concurrent Session W18 Embracing AI and Next Generation Skills Needed in Testing [141] [Preview](#) [141]

Jeremias Rößler, retest

3:00 pm to 4:00 pm

Visit the Expo—3:30pm–6:30pm

3:30 pm to 6:30 pm

Networking Break in the Expo—4:00pm-4:15pm

4:00 pm to 4:15 pm

Keynote K3 Lightning Strikes the Keynotes [143] [Preview](#) [143]

Ten Incredible Speakers, Lightning Keynotes

4:15 pm to 5:15 pm

Expo Reception & Passport Game Prize Drawings—5:30pm–6:30pm

5:30 pm to 6:30 pm

Thursday, May 2

Morning Yoga/Morning Run—6:45am-7:30am

6:45 am to 7:30 am

Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

Networking Events—Lean Coffee (7:30am-8:30am) | Test Lab (All Day) |

Couch Sessions (All Day) | Genius Testing Bar (All Day)

7:30 am to 8:30 am

Registration—8:00am–5:00pm

8:00 am to 5:00 pm

Keynote K4 The AI Testing Singularity <sup>[145]</sup> [Preview](#) <sup>[145]</sup>

Jason Arbon, test.ai

8:30 am to 9:45 am

Concurrent Sessions—9:45am–10:45am

9:45 am to 10:45 am

Concurrent Session T2 Where Does Data Come From? <sup>[147]</sup> [Preview](#) <sup>[147]</sup>

Jennifer Bonine, tap|QA

9:45 am to 10:45 am

Concurrent Session T3 Forming a Service Oriented Testing Team <sup>[149]</sup> [Preview](#) <sup>[149]</sup>

Noha Gomaa, Aldo Group

9:45 am to 10:45 am

Concurrent Session T4 The Traits of a Quality Engineer - Disrupting Your Career

<sup>[151]</sup> [Preview](#) <sup>[151]</sup>

Melissa Tondi, Disrupt Testing

9:45 am to 10:45 am

Concurrent Session T5 Leveraging Kubernetes as a Tester <sup>[153]</sup> [Preview](#) <sup>[153]</sup>

Glenn Buckholz, Coveros

9:45 am to 10:45 am

Concurrent Session T6 Example Mapping: The New Three Amigos <sup>[155]</sup> [Preview](#) <sup>[155]</sup>

Thomas Haver, Huntington National Bank

9:45 am to 10:45 am

Visit the Expo— 10:15am–3:00pm

10:15 am to 3:00 pm

Networking Break in the Expo • 10:45am-11:15am

10:45 am to 11:15 am

Concurrent Sessions— 11:15am–12:15pm

11:15 am to 12:15 pm

Concurrent Session T10 The Era of Intelligent Testing <sup>[157]</sup> [Preview](#) <sup>[157]</sup>

Dan Belcher, mabl

11:15 am to 12:15 pm

Concurrent Session T11 Building a Modern DevOps Enterprise Testing Organization <sup>[159]</sup> [Preview](#) <sup>[159]</sup>

Adam Auerbach, EPAM Systems

11:15 am to 12:15 pm

Concurrent Session T12 Security Partners or Security Police? <sup>[161]</sup> [Preview](#) <sup>[161]</sup>

Janna Loeffler, Carnival Corp.

11:15 am to 12:15 pm

Concurrent Session T8 What's that Smell? Tidying Up Our Test Code <sup>[163]</sup>

[Preview](#) <sup>[163]</sup>

Angie Jones, AppliTools

11:15 am to 12:15 pm

Concurrent Session T9 Mobile Visual Testing: Uphill Battle of Mobile Visual Regression <sup>[165]</sup> [Preview](#) <sup>[165]</sup>

Dmitry Vinnik, Salesforce

11:15 am to 12:15 pm

Lunch in the Expo— 12:30pm–1:30pm

12:30 pm to 1:30 pm

Concurrent Sessions— 1:30pm–2:30pm

1:30 pm to 2:30 pm

Concurrent Session T13 Eight Ways to Ruin 1-on-1s <sup>[167]</sup> [Preview](#) <sup>[167]</sup>

Jason Wick, MakeMusic

1:30 pm to 2:30 pm

Concurrent Session T15 API Testing - Going From Manual to Automated <sup>[169]</sup>

[Preview](#) <sup>[169]</sup>

Patrick Poulin, API Fortress

1:30 pm to 2:30 pm

Concurrent Session T16 Mobile Biometric Load Testing with JMeter <sup>[171]</sup>

[Preview](#) <sup>[171]</sup>

Kurtis Moore, Engage Mobile Solutions

1:30 pm to 2:30 pm

Concurrent Session T17 A Practical Guide to Testing in DevOps <sup>[173]</sup> [Preview](#) <sup>[173]</sup>

Katrina Clokie, Bank of New Zealand

1:30 pm to 2:30 pm

Networking Break in the Expo—2:30pm-3:00pm • Closes at 3:00pm

2:30 pm to 3:00 pm

Concurrent Sessions—3:00pm-4:00pm

3:00 pm to 4:00 pm

Concurrent Session T19 The Reality Distortion Field of Testing <sup>[175]</sup> [Preview](#) <sup>[175]</sup>

Lloyd Roden, Lloyd Roden Consultancy

3:00 pm to 4:00 pm

Concurrent Session T21 Well, THAT's Random - Automated Fuzzy Browser

Clicking <sup>[177]</sup> [Preview](#) <sup>[177]</sup>

Paul Grizzaffi, Magenic

3:00 pm to 4:00 pm

Concurrent Session T22 AI Automation Testing Framework: Supervised Machine

Learning <sup>[179]</sup> [Preview](#) <sup>[179]</sup>

Alireza Razavi, TD Bank

3:00 pm to 4:00 pm

Concurrent Session T24 Full Coverage Testing in a Small Business Environment

[181]  Preview [181]

Speaker Coming Soon

3:00 pm to 4:00 pm

Keynote K5 Beyond Coding: Test Automation as Art [183]  Preview [183]

Katrina Clokie, Bank of New Zealand

4:15 pm to 5:15 pm

Testing & Quality Leadership Summit Reception 5:30pm-6:30pm (Summit Registration Required)

5:30 pm to 6:30 pm

Friday, May 3

Continental Breakfast—7:30am–8:30am

7:30 am to 8:30 am

Registration—7:30am–3:00pm

7:30 am to 3:00 pm

Women Who Test [185]

8:30 am to 5:00 pm

Testing & Quality Leadership Summit [187]

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