

# Mobile Dev + Test



## A TECHWELL EVENT

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## Conference Schedule

[Schedule PDF](#)

Sunday, April 17

Agile Tester Certification (2-Day)

Rob Sabourin

8:30 am to 4:30 am

Effective Mobile Automation using Appium® (2-Day)

Sivakumar Anna

8:30 am to 4:30 pm

Mobile Application Testing (2-Day)

Brian Hicks

8:30 am to 4:30 am

Product Owner Certification (2-Day)

Greg Smith

8:30 am to 4:30 am

Monday, April 18

Registration Desk Hours—7:30am–4:30pm

7:30 am to 4:30 pm

Tutorial

MA

Swift Programming: From the Ground Up

James Dempsey

8:30 am to 4:30 pm

Tutorial

MB

Android Development Introduction: A Hands-On Workshop

Ken Kousen

8:30 am to 4:30 pm

Tutorial

MD

Develop Your Mobile App Test and Quality Strategy

Jason Arbon

8:30 am to 4:30 pm

Tuesday, April 19

Registration Desk Hours—7:30am–5:00pm

7:30 am to 5:00 pm

Tutorial

TA

iOS and Swift Quick Start: The Fundamental Pillars of iOS Development

James Dempsey

8:30 am to 4:30 pm

Tutorial

TB

Use Selenium to Test Mobile Web Apps in the Cloud

Brian Hicks

8:30 am to 4:30 pm

Tutorial

TC

Testing Web Services and the APIs behind Mobile Apps

NEW

Marc van't Veer

8:30 am to 4:30 pm

Tutorial

TD

Mobile App Project Kick Off: Get It Right the First Time

Jaimee Newberry

8:30 am to 12:00 pm

Tutorial

TE

Security Testing Mobile Applications

Bryan Batty

8:30 am to 12:00 pm

Tutorial

TF

## Internet of Things: From Prototype to Production

NEW

Brian Hicks, Brian Huey

8:30 am to 12:00 pm

Tutorial

TG

## Use Mobile/IoT Big Data Analytics to Improve Development and Testing

NEW

Jon Hagar

8:30 am to 12:00 pm

Tutorial

TH

## Super Rad Brainstorming

Jaimee Newberry

1:00 pm to 4:30 pm

Tutorial

TI

## Advanced Android Development

NEW

Ken Kousen

1:00 pm to 4:30 pm

Tutorial

TJ

## Prototyping Wearable Devices Using Android

NEW

Lance Gleason

1:00 pm to 4:30 pm

Tutorial

TK

## Test Attack Patterns for Mobile, IoT, and Embedded Software

Jon Hagar

1:00 pm to 4:30 pm

Welcome Reception—4:30pm–5:30pm

4:30 pm to 6:30 pm

Wednesday, April 20

Keynote

K1  
Mobile and IoT Win! Now What?  
Jason Arbon, Appdiff.com  
8:30 am to 9:30 am  
Industry Technical Presentation  
ITP1  
The Internet of Medicine is Just What the Doctor Ordered  
Harshal Vora, InfoStretch  
10:00 am to 10:45 am  
Concurrent Session  
W1  
Usability vs. Security: Find the Right Balance in Mobile Apps  
Levent Gurses, Movel  
10:00 am to 10:45 am  
Concurrent Session  
W2  
Uber's Fascinating World of Inter-App Communications  
Apple Chow, Uber, Bian Jiang, Uber  
10:00 am to 10:45 am  
Concurrent Session  
W3  
Developing and Testing a Connected Bracelet for Mind and Body  
Skip Orvis, CAEDEN  
10:00 am to 10:45 am  
Concurrent Session  
W4  
The 4th Industrial Revolution and IoT Predictions: A Software Perspective  
Stefano Rizzo, Polarion Software  
10:00 am to 10:45 am  
Industry Technical Presentation  
ITP2  
RWD: Get Started Today Testing Desktop & Mobile Side-by-Side  
Uzi Eilon, Perfecto  
11:00 am to 11:45 am  
Concurrent Session  
W5  
Can Your Mobile Infrastructure Survive 1 Million Concurrent Users?  
Melissa Benua, PlayFab, Inc., Siva Katir, PlayFab

11:00 am to 11:45 am

Concurrent Session

W6

**How to Find Vulnerabilities and Bugs in Mobile Applications**

Raj Subramanian, CSG International

11:00 am to 11:45 am

Concurrent Session

W7

**Guerrilla QA: The Mobile of the Internet of All the Things!**

Steven Winter, Guerrilla QA

11:00 am to 11:45 am

Concurrent Session

W8

**IoT Scalable Deployments with M2M Cellular Networks**

Brian Huey, Sprint

11:00 am to 11:45 am

Industry Technical Presentation

ITP3

**Make Continuous Delivery for Mobile Applications a Reality**

Jeff Fleishman, Mobile Labs

1:00 pm to 1:45 pm

Concurrent Session

W9

**Building Connected and Disconnected Mobile Applications**

James Montemagno, Xamarin

1:00 pm to 1:45 pm

Concurrent Session

W10

**How to Build and Integrate a Framework for Testing Mobile SDKs**

Jim Whisenant, Brightcove

1:00 pm to 1:45 pm

Concurrent Session

W11

**Wearables: Testing the Human Experience**

Gerie Owen, Eversource Energy, Peter Varhol, Technology Strategy Research

1:00 pm to 1:45 pm

Concurrent Session

W12

## Designing for the future: What's Your "Why"?

Jaimee Newberry, MartianCraft

1:00 pm to 1:45 pm

Industry Technical Presentation

ITP4

## Mobile Testing In An IoT Ecosystem

Pankaj Goel, pCloudy

2:00 pm to 2:45 pm

Concurrent Session

W13

## Gradle for Android Developers

Ken Kousen, Kousen IT, Inc.

2:00 pm to 2:45 pm

Concurrent Session

W14

## Shift Left Mobile Application Testing

Satyajit Malugu, GoDaddy

2:00 pm to 2:45 pm

Concurrent Session

W15

## The Internet of Things in Action: Anki's OVERDRIVE Racing Game

Jane Fraser, Anki, Inc.

2:00 pm to 2:45 pm

Concurrent Session

W16

## Rapid Application Development for Raspberry Pi

Geoff Perlman, Xojo, Inc.

2:00 pm to 2:45 pm

Keynote

K2

## 10,000 Years in Your Pocket: The Deep History of Your Mobile Device

James Dempsey, Tapas Software

3:15 pm to 4:15 pm

Lightning Vendor Talks

4:15 pm to 5:00 pm

Thursday, April 21

Registration Desk Hours—8:00am–4:30pm

8:00 am to 4:30 pm

Keynote

K3

**The First Wave of IoT—Blood in the Water**

Kevin Rohling, Boomtrain

8:30 am to 9:30 am

Keynote

K4

**Balancing New Tools and Technologies vs. Risk**

Ellen Shapiro, SpotHero

9:45 am to 10:45 am

Industry Technical Presentation

ITP5

**Building an Ideal Mobile Test Strategy**

Chris Karnacki, Keynote

11:00 am to 11:45 am

Concurrent Session

T1

**Build Smarter Mobile Apps with Real-Time Relevance**

Jason Arbon, Appdiff.com

11:00 am to 11:45 am

Concurrent Session

T2

**Test Infrastructure for Native and Hybrid iOS and Android Applications**

Ankit Desai, MathWorks, Inc., Binod Pant, MathWorks, Inc.

11:00 am to 11:45 am

Concurrent Session

T3

**Bring Team Interaction into the Living Room**

Yony Feng, Peloton, Manish Mathuria, Infostretch

11:00 am to 11:45 am

Concurrent Session

T4

**Making IoT Enterprise Development Simpler**

Brian Hicks, IOT SmartData Labs

11:00 am to 11:45 am

Industry Technical Presentation

ITP6

## ZAPTEST – The Game Changer!

Alex Chernyak, ZAPTEST

1:00 pm to 1:45 pm

Concurrent Session

T5

## Scalable and Collaborative iOS UI Test Automation in Swift

Jason Hagglund, The Climate Corporation

1:00 pm

Concurrent Session

T6

## Integrate On-Device Test Automation into the Dev-Release Pipeline

Danni Wu, Microsoft

1:00 pm to 1:45 pm

Concurrent Session

T7

## Testing IoT Apps with the Cloud

Mike Benkovich, Improving-Twin Cities

1:00 pm to 1:45 pm

Concurrent Session

T8

## Hardware Solutions to Start—and Fast-Track—IoT Development

Michael Finegan, MultiTech

1:00 pm to 1:45 pm

Concurrent Session

T9

## Get Started with Google Fit and Its API

Luke Wallace, Bottle Rocket

2:00 pm to 2:45 pm

Concurrent Session

T10

## Implement Combinatorial Test Patterns for Better Mobile and IoT Testing

Jon Hagar, Grand Software Testing

2:00 pm to 2:45 pm

Concurrent Session

T11

## Apple Watch, Wearables, and Mobile Data—with IBM MobileFirst

Marek Sadowski

2:00 pm to 2:45 pm

Concurrent Session

T12

Future Perspective: Cloud Connectivity in an IoT World

Steven Woodward, Cloud Perspectives

2:00 pm to 2:45 pm

Concurrent Session

T13

Use the Modern Cloud to Build Mobile Apps

Mike Benkovich, Improving-Twin Cities

3:15 pm to 4:00 pm

Concurrent Session

T14

Innovations in Mobile Testing: Expanding Your Test Plan

Melissa Tondi, ShopAtHome.com

3:15 pm to 4:00 pm

Concurrent Session

T15

IoT Integrity: A Guide to Robust Endpoint Testing

Arthur Hicken, Parasoft

3:15 pm to 4:00 pm

Concurrent Session

T16

Prototype the Internet of Things with Javascript

Lance Gleason, Polyglot Programming Inc.

3:15 pm to 4:00 pm

Friday, April 22

Bonus Session

B1

Designing Apps for Android Devices

SOLD  
OUT

NEW

Luke Wallace, Bottle Rocket

8:30 am to 12:00 pm