

09:30 · 10:00 **Opening**

10:00 · 11:00 **Keynote 1**

Medical Device Innovation through Agile
Nancy Van Schooenderwoert & Brian Shoemaker
Lean-Agile Partners & ShoeBar Associates (USA)

11:00 · 11:30 Coffee Break + Discussion

11:30 · 13:30 **TRACK 1**

Test Management

11:30 · 12:30 Test Process Orchestration – Coordinating the execution and value of your Manual and Automated testing efforts
Joel Montvelisky | PractiTest (Israel)

12:30 · 13:30 Modern Embedding Testing
Daniel Charles Chittenden | Q Nation (Denmark)

TRAINING 1

Testing Fundamentals

Gain knowledge about Software Testing Principles and the Technology that will help you to implement Testing techniques and processes in your company. Acquire basic knowledge of methodology, techniques and tools for the design and execution of existing tests.

13:30 · 14:30 Lunch

14:30 · 17:30 **TRACK 2**

Test Automation

14:30 · 15:30 Embedded systems testing – from scripts to frameworks
Milos Mladenovic | Quectel (Serbia)

15:30 · 16:30 Mobile Automation Infrastructure from scratch
Dmytro Budym | AirSlate (Ukrania)

16:30 · 17:30 Full circle of Test Automation
Derk-Jan de Groot | Squerist (Netherlands)

TRAINING 2

Unit Testing

Understand the importance of Unit Testing Tools in a Software Development Life-Cycle. Learn how to define, plan and execute unit tests and discover the different kind of tools available in the market.

09:30 · 10:30 **Keynote 2**

IoT Ecosystem – The Good, the Bad and the Ugly
Vipin Jain | Metacube (India)

10:30 · 11:00 Coffee Break

11:00 · 13:00 **TRACK 3**

Testing Techniques and approaches

11:00 · 12:00 An experience report on two novel Risk-Based Testing and Reporting approaches – an attempt to adopt Risk-Based testing and reporting in agile environment
Rachid Kherrazi & Goce Naumoski
AKKA Technologies & ASML (The Netherlands)

12:00 · 13:00 NCSI protocol fuzzer on an embedded security engine – process & lesson learned-
Dor Levy | Intel (Israel)

TRAINING 3

Load and Performance Testing

Understand the importance of Load and Performance Tests. This course is a practical approach to the successful implementation of Load and Performance Testing, showing action procedures to confront working problems.

13:00 · 14:00 Lunch

14:00 · 17:00 **TRACK 3**

14:00 · 15:00 The future of models in testing
Bryan Bakker | Sioux Technologies (The Netherlands)

15:00 · 16:00 QA and Testing Techniques for IIoT
Desmond Muchuo | Senceive (UK)

16:00 · 17:00 Model-Based Testing Explained and Demonstrated
Paul Jorgensen | Grand Valley State University (USA)

TRAINING 4

Test Automation Fundamentals

Learn how to recognize test processes capable of being automated, and identify the cost / benefit relationship of its implementation. Discover how to implement effective automation technologies using different tools.

09:30 · 10:30 **SPECIAL TALK**

The Road from Quality Assurance to Quality Engineering; Testers Lead the Transformation
Gerie Owen | Medullan (USA)

10:30 · 11:00 Coffee Break

11:00 · 13:00 **TRACK 4**

Testing for certification

11:00 · 12:00 V&V for Medical Devices Software
Javi Bores | SQS (Spain)

12:00 · 13:00 Preparing Safety-critical software for its certification in Naval industry
Marta Saña Espinosa | CENTUM (Spain)

TRACK 5

AI Testing

Why Testing Needs Explainable Artificial Intelligence
Peter Varhol | Technology Strategy Research (USA)

13:00 · 14:00 Lunch

14:00 · 15:00 **TRACK 4: Testing for certification**

Testing in regulated frameworks for medical devices
María José López | Roche Diagnostics SL (Spain)

15:00 · 16:00 **Keynote 3**

Fasten your seatbelts – Testing, Quality Engineering and Observability for IoT at staggering scale
Dominik Obermaier | HiveMQ (Germany)