

About ETSI

ETSI is a world-leading standards development organization for Information and Communication Technologies (ICT). Founded initially to serve European needs, ETSI has grown rapidly to become highly respected as a producer of technical standards for worldwide use.

ETSI's Methods for Testing and Specification Technical Committee (TC MTS) creates standards related to testing and specification languages and provides frameworks and methodologies for use by standardization bodies, other global organizations and industrial fora. TC MTS and UCAAT act as a point of synergy and exchange of experience for the testing community as a whole.

TC MTS works very closely with ETSI's Centre for Testing and Interoperability (CTI) to develop the background material for use in their support of ETSI committees and other co-operative activities.

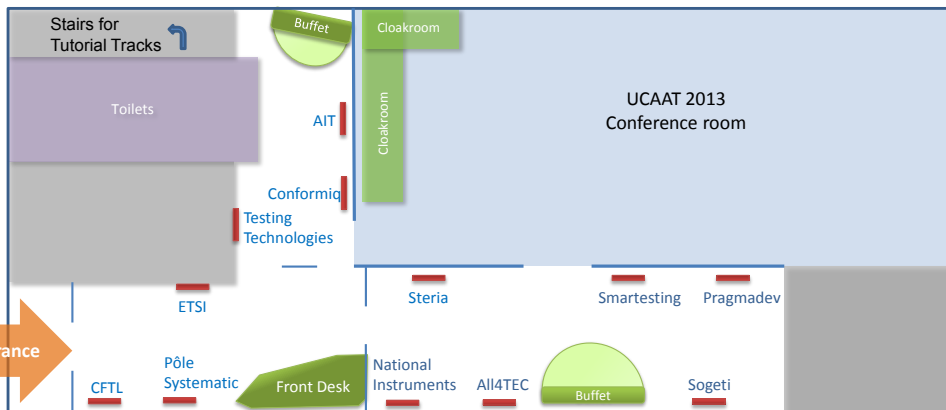
For further information:

<http://portal.etsi.org/MTS>

<http://portal.etsi.org/CTI>

Contact: CTI_Support@etsi.org

Exhibition Plan



MBT in the Testing Ecosystem

PARIS 22-24 October 2013



- Test Description Language
- IT UI Application
- Test Case
- Test Automation
- Agility and Testing
- Model-Driven Workflow
- Ecosystem
- Safety Critical Systems
- Model-Based Testing
- Design Process Model
- Modeling
- Standardization
- TTCN-3
- Automotive Industry
- Industrial Automation
- ERP Testing
- Cloud
- Test Language
- Test Framework

Scope

UCAAT, User Conference on Advanced Automated Testing, is an ETSI (European Telecommunications Standards Institute) conference jointly organised this year by ALL4TEC and SMARTESTING.

For the 2013 conference, a specific focus will be on integrating Model-Based Testing (MBT) in the testing ecosystem.

Test process automation has proven to increase productivity and product quality in different application domains such as telco, banking, IT services, automotive, robotics, defence and software vendors.

The aim of this international conference is to bring together industrial experts and MBT practitioners to share their experiences. The event provides an ideal opportunity to obtain advice on the use and application of the latest techniques, methods, frameworks, and facilitate tools exchange and discussion on aspects regarding automated testing including Model-Based Testing, test methodologies, test management and the use of test languages such as TTCN-3.

Keynote Speakers

Matthias Rasking, EMEA Testing Capability Lead, Accenture GmbH

Lionel Briand, Professor, FNR PEARL Chair, FTSC, University of Luxembourg

Bernard Homès, President of the French Testing Board, CFTL (ISTQB)

Gil Bernabeu, Technical Director, GlobalPlatform



The RightTesting suite: Steria's testing solution and methodology

Because testing has its own unique challenges, Steria has introduced a range of services that directly address and solve these problems. Steria's testing offer combines skills, methodology and HP's market leading ALM tools in to an industrialised portfolio, and so provides a standardized way of working that leverages proven templates and repeatable processes, which are automated wherever possible. This combination guarantees a solution that is not currently available anywhere else in the market. At its heart it is founded on: Steria: RightTest Consulting, Steria: RightTest Transformation and Steria: RightTest Managed Services. Their respective core attributes have been specifically packaged to address specific solution areas, thus introducing Steria: RightTest ERP (SAP).

Steria: RightTesting is an interlocking approach based on proven collaborative and consultative processes which combines industry recognised standards and decades of experience. Steria is the largest IT service provider to have achieved TMMi Level 3 Certification internationally, demonstrating our commitment to excellence in software testing, technology transformation and IT cost reduction for our clients.

We use a hybrid delivery model Offshore/Nearshore/Onshore and process industrialisation to reduce costs whilst maintaining quality. We have developed a unique and comprehensive method to speed up delivery and reduce costs as well as offering a complementary range of application, infrastructure and security services.

Steria at a glance:

Steria delivers IT enabled business services and is the Trusted Transformation partner for private and public sector organisations across the globe. By combining in depth understanding of our clients' businesses with expertise in IT and business process outsourcing, we take on our clients' challenges and develop innovative solutions to address them efficiently and profitably. Through our highly collaborative consulting style, we work with our clients to transform their business, enabling them to focus on what they do best.

Our 20,000 people, working across 16 countries, support the systems, services and processes that make today's world turn, touching the lives of millions around the globe each day. Founded in 1969, Steria has offices in Europe, India, North Africa and SE Asia and a 2012 revenue of €1.83 billion. Over 20%(*) of Steria's capital is owned by its employees. Headquartered in Paris, Steria is listed on the Euronext Paris market.

(*): Including "SET Trust" and XEBT Trust" (4.15% of capital)



Sogeti High Tech is a market leader in Engineering and Technology Consulting Services.

With more than 20 years of expertise, we undertake major technical and engineering innovation projects for the R&D departments of global industrial firms. To meet our customers' requirements, we have developed five business lines: Consulting, Systems Engineering, Physics Engineering, Software Engineering and Testing.

Sogeti is a leading provider of technology and software testing, specializing in Application, Infrastructure and Engineering Services. Sogeti offers cutting-edge solutions around Testing, Business Intelligence & Analytics, Mobile, Cloud and Cyber Security, combining world class methodologies and its global delivery model, Rightshore®. Sogeti brings together more than 20,000 professionals in 15 countries and has a strong local presence in over 100 locations in Europe, USA and India. Sogeti is a wholly-owned subsidiary of Cap Gemini S.A., listed on the Paris Stock Exchange.

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Together, Capgemini and Sogeti have developed innovative, business-driven quality assurance (QA) and testing services, combining best-in-breed testing methodologies (TMap® and TPI®) and the global delivery model, Rightshore®, to help organizations achieve their testing and QA goals. Capgemini and Sogeti have created one of the largest dedicated testing practices in the world, with over 11,000 test professionals and a further 14,500 application specialists, notably through a common center of excellence with testing specialists developed in India.

Testing is a strategic Sogeti offering based on recognized industry thought leadership and proven methodologies.

Ovum study confirms Capgemini group leadership "Your #1 choice for testing".

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Tuesday, 22 October 2013, Tutorial Tracks

10:00 Registration		
10:45-12:15	Model-Based Testing for Beginners Eddie Jaffuel (eConsult)	Introduction to TTCN-3 Theofanis Vassiliou-Gioles (Testing Technologies IST GmbH)
12:15-13:30	Lunch	
13:30-15:00	A Structured Approach for Efficient Model-Based Testing in Large IT projects Jean-Pierre Schoch & Bruno Legeard (Smartesting)	Using Model-Based Testing during the Life-Cycle of your Product Alexis Despeyroux & René-Christian Tuyishime (All4tec)
15:00- 15:20	Coffee Break	
15:20-16:50	Use of Domain-Specific Modeling with Model-Based Testing Juha-Pekka Tolvanen (Metacase) & Stephan Schulz (Conformiq)	Test Automation and Model-Based Testing in Agile Dev Cycle at Spotify Kristian Karl & Peng Ge (Spotify)
16:50-17:00	Short Coffee Break	
17:00-18:00	Barcamp monitored by Andrej Pietschker	
18:00-19:00	French Wine Tasting	

MBT in the Testing Ecosystem

Wednesday, 23 October 2013, Conferences Day 1

08:30 - 9:00 Registration

9:15- 9:30 **CONFERENCE OPENING**

9:30- 10:15 **KEYNOTE: Model-Based Testing for a Compliance Program**
Gil Bernabeu (GlobalPlatform)

Session 1, Testing & the Cloud

10:15-10:35 **Towards a TTCN-3 Test Framework for OCCI-Based Cloud Ecosystems**
Yongzheng Liang (University of Stuttgart)

10:35-10:55 **Model-Driven Testing in the Cloud**
Steffen Herbold (Universität Göttingen)

10:55- 11:05 Poster Introduction (1 mn/poster)

11:05 - 11:35 Coffee Break and Poster Sessions

Session 2, Test Automation and Agile

11:35 - 11:55 **Agility and MBT applied to Software Communication Client Project at Alcatel-Lucent**
Mathieu Pamard & Ronan Thépaut (Alcatel-Lucent)

11:55 - 12:15 **Model-Driven Workflow applied to an IMS Application Server**
Antal Wu-Hen-Chang & Tibor Csöndes (Ericsson)

12:15 - 12:35 **Efficient Test Automation on an Agile Project**
Jackie Mcdougall & Lukasz Grabinski (Sopra Group)

12:35 - 12:55 Vendor Track

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Poster Sessions

End-2-End Testing of large-scale IT Information Systems - MBT as an enabler for functional (re)documentation

by Olivier Bussenot (Smartesting)

Generating test cases with the same abstraction level of 4th generation environments

by Federico Leonardo Toledo, Sebastián Grattarola, Matías Reina and Fabian Baptista (Abstracta)

Test Software Quality Through Software Metrics

by Kristóf Szabados and György Réthy (Ericsson)

A Rational approach to integration testing

by Yves Holvoet and Sidonie Goussard (IBM)

MBT - Where do we stand?

by Anne Kramer (Seppmed)

End-to-End and Interoperability Testing with MBT

by Kimmo Nupponen (Conformiq)

A concept for concurrency in usage models

by Daniel Homm and Reinhard German (Friedrich-Alexander-Universität Erlangen-Nürnberg)

Download the presentations on www.ucaat.etsi.org

12:55 - 13:45

Networking Lunch

13:45 - 14:30

KEYNOTE: The Thousand Shades of Model-Based Testing; Pitfalls, Challenges and Guidelines Lionel Briand (University of Luxembourg)

Session 3, Embedded Systems

14:30 - 14:50

Test Automation in Industrial Automation

Barath Kumar (inIT – Institute of Industrial Information Technologies) & Shiraz Gilani (Fraunhofer IOSB – INA, Anwendungszentrum Industrial Automation)

14:50 - 15:10

An Approach of Combining Model-Based Testing with Product Family Management

Hamza Samih (All4tec) & Ralf Bogusch (Cassidian)

15:10- 15:30

New Modelling Approach to construct Test Model for Railway Embedded Systems

Amine Mechraoui, Elie Soubiran & Pascal Poisson (Alstom Transport)

15:30- 16:00

Coffee Break and Poster Sessions

Session 4, MBT Lessons Learned

16:00 - 16:20

Lesson learnt from integrating Model-Based Testing for Production Testing for Windows Phone Application

Chan Chaiyochlarb, Hongtao Bai, Shriram Nanjundaiah & Yasser Mufti (Microsoft)

16:20 - 16:40

Using Model-Based Testing to test Windows Phone Data Sense Case Study

Kenneth Ma (Microsoft)

16:40 - 17:00

Model-Based Testing of a 3D Game Engine

Rasmus Moller Selsmark (Unity Technologies ApS)

17:00- 18:00

Vendor Track

18:00

Departure Social Event

Thursday, 24 October 2013, Conferences Day 2

08:30 - 9:00 Registration

9:10- 10:00 **KEYNOTE: MBT & ISTQB Challenges**, Bernard Homès (ISTQB)

Session 5, Standardization & Methodologies

10:00-10:20 **An Overview of the ETSI Test Description Language (TDL) – Results from STF 454**
G. Adamis, F. Kristoffersen, P. Makedonski, A. Ulrich (Siemens AG), MF Wendland, A.Wiles (ETSI)

10:20-10:40 **Exploring Model-Driven Language Implementation of a Test Description Language**
F. Philipp, P. Makedonski and J. Grabowski (University of Göttingen)

10:40- 11:00 **Model-Based Testing for ERP Testing**
C. Jaze, Jose Miguel Diaz Garcia & M. Bedouani (Atos)

11:00 - 11:30 Coffee Break and Poster Session

Session 6, Test Framework & Test Environment

11:30 - 11:50 **TTCN4SOA™: A TTCN-3 Architecture and Framework for SOA Testing**
Fabio De Rosa, Libero Maesano (Simple Engineering) & Ariele Paolo Maesano (UPMC LIP6)

11:50- 12:10 **Test Harnessing - An Automated Model-Based Testing Approach**
Kailash Chanduka & Indranil Mukherjee (Aris Global Software)

12:10 - 12:30 **Using Nightly Builds in Test Environment and Test Development**
Andreas Weitzl (Cassidian)

12:30 - 12:50 Vendor Track

12:50 - 13:45

Networking Lunch

13:45 - 14:30

KEYNOTE: Are we there yet? Is Advanced Automation the pinnacle of Software Engineering ?
Matthias Rasking (Accenture GmbH)

Session 7, MBT in Automotive Industry

14:30 - 14:50

Model-Based Testing in a seamless Design Process Model – What is the business case?
Sebastien Ruzza (Volvo Global Truck Technology)

14:50 - 15:10

System Validation Process for Instrument Clusters
Olivier Bodereau (Magneti Marelli)

15:10- 15:40

Coffee Break and Poster Session

Session 8, Safety Critical Systems

15:40 - 16:00

Application of MBT to Validation of New Nuclear I&C Architectures
François Chastrette (All4tec) & Luc Coyette (Esterel Technologies)

16:00 - 16:20

Model-Based Generation of Aircraft Traffic Attack Scenarios using ADS-B Standard Signals
Julien Botella (Smartesting), Phong Cao (THALES), Cédric Civeit (Thales Raytheon Systems), Daniel Gidoin (THALES) & Fabien Peureux (FEMTO-ST Institute (UMR CNRS 6174); Smartesting)

16:20 - 16:40

Best Presentation Award, Conference Closure