

**3rd**  
**UCAAT** *User Conference on  
Advanced Automated Testing*



Sophia Antipolis, French Riviera  
20-22 October 2015



**WELCOME**

# UCAAT 2015

## ETSI's Flagship Event for Testing



- Welcome to Sophia Antipolis!
- Welcome to ETSI!
- Welcome to



- A few words of introduction ...



# About ETSI

## European Telecommunications Standards Institute

- European standards organization
- Independent, not-for-profit organization, created in 1988
- Setting globally-applicable standards in many areas of ICT
  - ETSI was established as a European body and retains European responsibilities, but
  - many of ETSI's Members are global players
- 750+ member companies and organisations
- Over 35 000 publications
  - all available for **free**





## You may know us for ...

- Radio technologies
- Telecom network technologies
- DSL, Broadband, Next Generation Networks
- Mobile
  - GSM, UMTS, LTE, Railway communications...
  - private/professional land mobile radio systems
- Cordless (DECT)
- TETRA & other public safety systems
- Spectrum matters & electromagnetic compatibility
- Wireless Local Area Networks
- Founding member of
- :





## But we do much more...

- Machine to Machine Communication – founding partner of
- Intelligent Transport Systems (ITS)
- Network Functions Virtualization (NFV)
- Mobile Edge Computing (MEC)
- Cyber Security
- Electronic Signatures (ESI)
- Smart Cards (SCP)
- Reconfigurable Radio Systems (RRS)
- Cable distribution systems (CABLE)
- Power Line Telecommunications (PLT)
- :
- ... and Testing





# ETSI Activities Related to Testing

- Many ETSI technologies have standardized test specifications as a part of the standard
- We do not perform testing
  - Except to validate or debug the tests
- We do not certify products
  - But our test specs are used by external certification bodies
  - E.g., certification tests for 3GPP LTE terminals
- **ETSI Technical Committee TC MTS**
  - Methods for Testing and Specification (Chair: Stephan Schulz)
- **ETSI Centre for Testing and Interoperability (CTI)**
  - Assist TC MTS to develop test methodologies and languages
  - Work closely with ETSI TCs, ISGs, 3GPP, oneM2M and other Partners



# ETSI CTI

## Centre for Testing and Interoperability

- Development of test specifications, mainly
  - Interoperability
  - Conformance
- Validation of standards
  - Running interoperability events The logo for PLUGTESTS INTEROP EVENTS is located to the right of the text 'Running interoperability events'. It consists of the word 'PLUGTESTS' in a bold, blue font above the words 'INTEROP EVENTS' in a smaller, blue font. To the right of the text is a blue square icon containing a white stylized plug and a network of lines.
  - Around 12 events per year for many different technologies
  - Co-ordination of Proof of Concept (PoC) programmes
    - pre-standardization activity
  - Linking into parallel Hackathon activities
- Always looking for new methods and approaches
  - Network Functions Virtualization (NFV is more cloud than protocol)
  - 5G, Internet of Things, M2M ...



# Hoping UCAAT has (some of) the answers!

- So once again welcome ...
  - ... and have a great conference!
  - Don't miss the ETSI booth and the TDL demos!
- 
- And before I go ...



Presentations will be available on the UCAAT website programme

<http://ucaat.etsi.org/2015/program.html>

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Flash the QR code on your event programme to download  
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Any information regarding logistics, ask at the registration desk

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