

# 10th **UCAAT**

**User Conference on  
Advanced Automated Testing**

## **UCAAT PC Welcome**

Sergio Borghese (NetResults S.r.l.)



# From Paris to Timisoara

- First edition in 2013 in Paris
- UCAAT “Shift Right” towards the East Europe testing community
- 2023 Organizers
  - ETSI (Organizer)
  - Nokia (Host)
  - Politehnica University of Timisoara (Venue)

- 3 day conference
  - Some remote speech
- 2 Keynotes
  - 14 Nov Thomas Art (Quviq)
  - 15 Nov Prof. Precup (Politehnica University of Timisoara)
- 2 Tutorials
- 8 Sessions
- 4 Posters
- Exhibitors booth

# Programme Committee



Daniel Ardelean, Nokia

Jorge Asensio, ARHS Developments

Michele Carignani, Autostrade per l'Italia

Rémi Caudwell, Sogeti

Tibor Csöndes, Ericsson Hungary

Alexis Despeyroux, Testing Solutions and Services

Martin Gijzen, Sogeti

Fabrizio Granelli, University of Trento

Baris Güldali, S&N Invent

Raquel Jimenez, MTP

Martti Käärik Elvior, LLC

Philip Makedonski, University of Göttingen

Ultan Mulligan, ETSI

Jorge Pascal, Audi

Anna Lina Ruschelli, Scuola S. Anna Pisa

Stephan Schulz, Giesecke + Devrient

Fabio Severino, Geckosoft

Matthias Simon, Nokia

Szilard Szell, Eficode Oy

Dirk Tepelmann, Spirent

Jan Tretmans, TNO

Andreas Ulrich, Siemens

Marco Varlese, Suse

Brad Vrabeto, Intel Corporation



- Visit to Nokia Labs
  - Leave @ 17:30 from the venue
  - Register at the desk
- Social Event
- Best Paper Award!
- Mentimeter

# Enjoy the Conference and have fun!

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*Optimizing the Value of Automated Testing*

**#UCAAT**

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## ETSI TC MTS Welcome

Philip Makedonski (University of Göttingen)

Marija Jankovic (CERTH/ITI)

Taras Holoyad (Bundesnetzagentur)



# Who is ETSI TC MTS?

Did you know that **YOUR PHONE...**

Technical Committee Methods for Testing and Specification

Creates guidelines, frameworks, notations, and methodologies

- Independent of application domains

Organizer of the UCAAT Conference

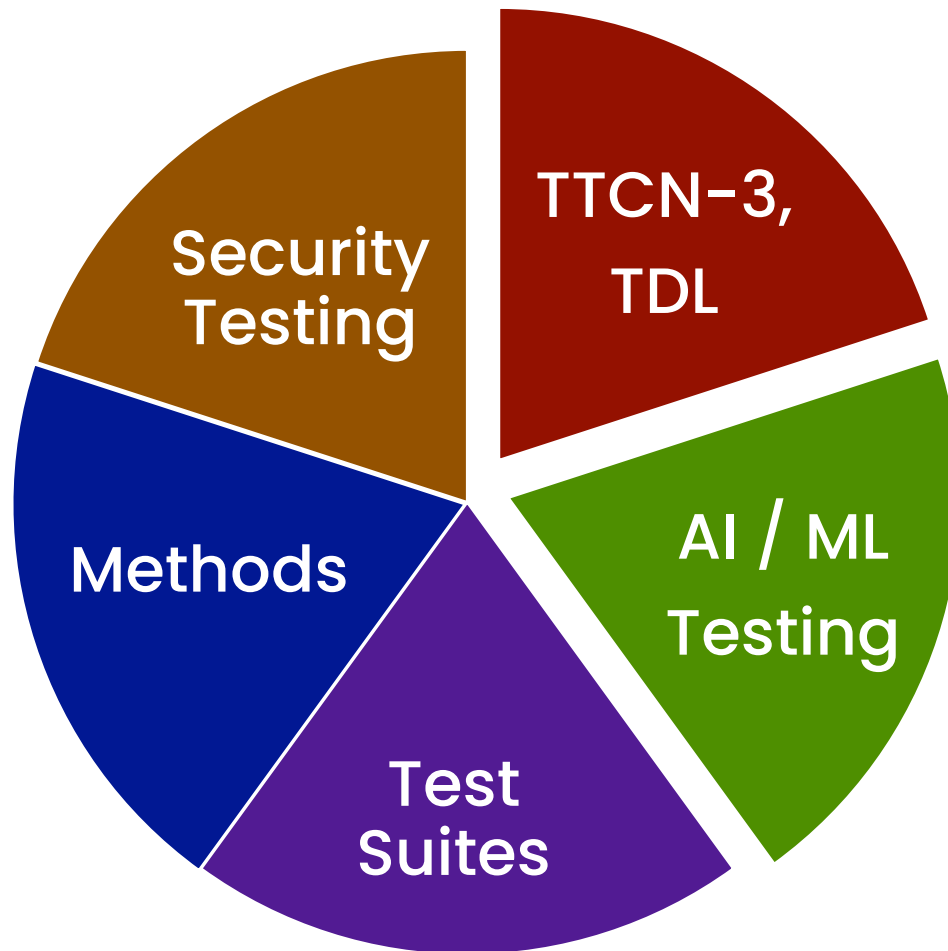
Goals

- High-quality Standards
- Efficient Testing





# What is ETSI TC MTS Standardizing?



Find out more at: <https://www.etsi.org/committee/1405-mts>

# Usage of MTS standards

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**TTCN-3**

20 years and counting!



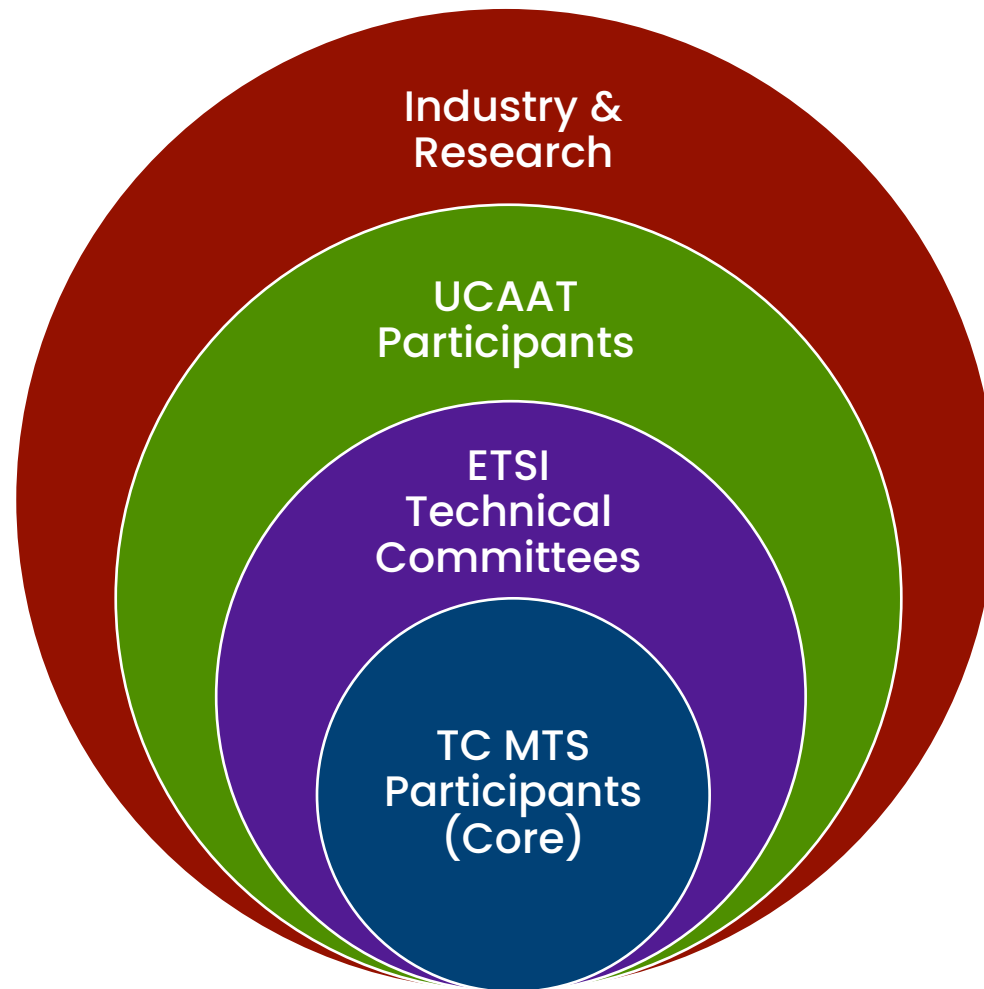
Example Application Domains using TTCN-3  
(the standardized Testing and Test Control Notation)

- IoT
- Telecom
- Automotive
- Medical
- Power Transmission and Distribution
- Financial
- Avionics
- Etc.

Major new revision on the horizon!

Find out more at: [ttn-3.org](http://ttn-3.org)

# Who Affects ETSI TC MTS Work?





Manages everything related to

- The ETSI Test Description Language (TDL) and
- The TDL Open Source Project (TOP)

Standardization of new language concepts and syntaxes

Coordination of the development of TDL tools, e.g. editors, based on Eclipse

Find out more at: <https://tdl.etsi.org/>

Develop studies, guidelines, test catalogues, and test specifications

Initial technical focus included:

- IoT protocols (MQTT, COAP, LoRaWan)
- Security Test purposes (IEC 62443)
- Cooperation with the Eclipse project IoT-Testware

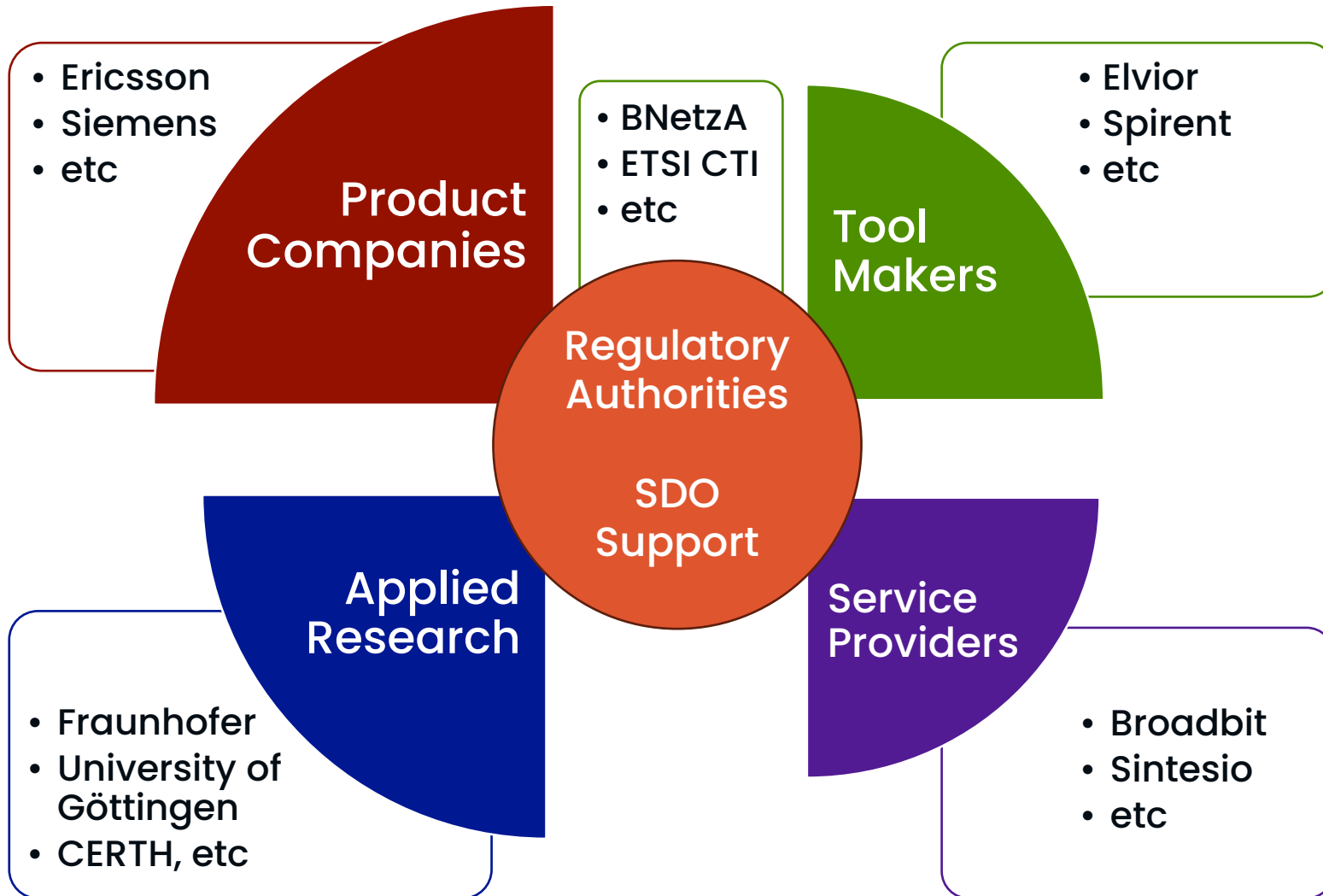
Currently working on IoT security module testing and IoT security architectures

Develop methodologies and specifications for AI/ML testing and quality assurance

Technical focus includes:

- Test Methodology and Test Specification for AI-enabled Systems
- Continuous Auditing-Based Conformity Assessment for AI-enabled systems
- Harmonised Documentation Scheme for AI-enabled systems

# Who is the Core of ETSI MTS?



# Interested?

## Get more information and contribute!

- Attend an MTS meeting as ETSI member or as a guest of TC MTS
  - Three annual meetings at different locations
- Actively work in Task Force (STF or TTF) teams
  - Usually running 2-3 different STFs / TTFs
- Contribute your interests or needs in testing
  - E.g. related to emerging fields such as testing of and with AI

Talk to us during the breaks or check out <http://portal.etsi.org/MTS!>



**Any further questions?**

