



## Invitation to an open TTCN-3 workshop

When: 23 January 2024, 1:00 p.m. – 5:30 p.m. (before MTS#91 24/25 January)

Where: Fraunhofer FOKUS, Kaiserin-Augusta-Allee 31, 10589 Berlin, Germany

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### Background:

The TTCN-3 testing language has intensively been developed by ETSI during the last 20 years. By today, TTCN-3 has become a significantly important testing technology in different domains. The last major release of the TTCN-3 standards was published in 2009 with version 4.1.1. Since then TTCN-3 was constantly maintained and further developed.

### Motivation:

The TTCN-3 language specification has reached the state where modernization and refactoring are required. Currently, language maintenance has become complex, since even small corrections and extensions require changes in many different places in the TTCN-3 language specification and extension packages. Also, TTCN-3 users suffer from this kind of complexity, because specific aspects of a language feature may be spread across different sections and documents. This decrease learning, understanding and, finally, acceptance of TTCN-3.

The goal of this workshop is to have an open discussion with TTCN-3 users, tool provider and standardization experts to discuss requirements and ideas towards a new major release of the TTCN-3 standards. In 2023 the members of the ETSI TTFs for TTCN-3 maintenance have already started the analysis and collection of technical issues for this new major release. Initial results can be found via ETSI's Bug Tracker, e.g. in attached files at <http://oldforge.etsi.org/mantis/view.php?id=8180>. The ETSI TTF T032 (<https://portal.etsi.org/xtfs/#/xTF/T032/>) currently is collecting further proposals regarding a modernization and innovations of TTCN-3.

This workshop is open for ETSI members and non-ETSI members. It is also planned to provide the possibility of remote participation.

Interested persons are asked to register on the ETSI portal at <https://portal.etsi.org/Meetings.aspx#/meeting?MtglId=47261>. If you have any problems or suggestions, please do not hesitate to contact the TTF T032 project manager Jens Grabowski ([grabowski@cs.uni-goettingen.de](mailto:grabowski@cs.uni-goettingen.de)) and/or Axel Rennoch ([axel.rennoch@focused.fraunhofer.de](mailto:axel.rennoch@focused.fraunhofer.de)).

### Agenda:

- Introduction to the status and maintenance of the current TTCN-3 standards.
- Proposals from the workshop participants
- Discussion of technical proposals and initial prioritization
- Summary and planning of next steps

### Practical Information:

You may find further information about the location and hotels at <https://www.fokus.fraunhofer.de/contact>