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| **Title\*:** | MTS#85 Draft Meeting Report |
|  | 18-19 January 2022 |
| from **Source**\*: | ETSI |
| Contact: | Emmanuelle Chaulot-Talmon  |
|  |  |
| input for **Committee**\***:** | MTS |
|  |  |
| Contribution **For\*:** | Decision | **X** |  |
|  | Discussion |  |  |
|  | Information |  |  |
|  |  |
| Submission date**\***: | 2022-01-20 |
|  |  |
| Meeting & Allocation: | **MTS#85** |
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# Opening

## Introduction & welcome, Local arrangements, IPR call

## Dirk Tepelmann welcome participants.

IPR Call, Antitrust Statement was read.

**Call for IPRs** (clause 4.1 of the ETSI IPR Policy, Annex 6 of the Rules of Procedure):

“The attention of the members of this Technical Body is drawn to the fact that ETSI Members shall use reasonable endeavours to inform ETSI of Essential IPRs in a timely fashion. This covers the obligation to notify its own IPRs but also other companies’ IPRs.

The members take note that they are hereby invited:

-to investigate in their company whether their company does own IPRs which are, or are likely to become essential in respect of the work of the Technical Body,

-to notify to the Chairman or to the ETSI Director-General all potential IPRs that their company may own, by means of
 the [IPR Information Statement and the Licensing Declaration forms](http://www.etsi.org/legal/IPR-Forms) that they can obtain from the secretariat”

Members are encouraged to make general IPR undertakings/declarations that they will make licenses available for all their IPRs under FRAND terms and conditions related to a specific standardization area and then, as soon as feasible, provide (or refine) detailed disclosures.

***ANTITRUST:***

***"The attention of all participants to the meeting was drawn to the fact that ETSI activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen."***

***No IPR declare.***

***No IPR Declared.***

## Approval of agenda, allocation of contributions to Agenda Items [Tepelmann]

Agenda is presented and approved.

## Review of Action point [Chaulot-Talmon]

Dirk Tepelmann reviewed the Action list.

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| **Action Number** | **Action**  | **Status** |
| **AP(84)001** | Jens Grabowski to send to MTS a proposal with new rapporteurs for the list of WI which used to be under the responsibility of Gyorgy Réthi. | **Completed** |
| **AP(84)002** | Axel Rennoch to update the TTCN-3 website to mention the mistake in part 1 and the resolution plan | **Completed** |
| **AP(84)003** | Jens Grabowski to draft a LS for ITU to inform them about the mistake in part 1 and the resolution plan | **Completed** |
| **AP(84)004** | Andreas Ulrich to investigate if Siemens can host UCAAT 2022 | **Completed** |
| **AP(84)005** | ECT & ETSI Event to prepare the UCAAT call for host | **On going** |
| **AP(84)006** | ALL promote widely UCAAT communication which will be sent in the coming weeks | **Completed** |
| **AP(84)007** | Andreas Ulrich to prepare TTF complete ToR 2022 and related WI | **Completed** |

## Presentation of incoming Liaisons & follow-up decisions

Topics: discussion of incoming liaisons (if any) and decision on potential responses & follow-up actions.

[MTS(22)000012](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2022/MTS%2822%29000012_LS_IN_Board_Trend_ETSI_Technology_Radar__status_and_request_.docx) LS IN Board Trend ETSI Technology Radar, status and request for feedback

Answer to the LS will be prepare in a separated call.

## Appointment of MTS Officials

Following the call for candidates for MTS Official positions, Philip Makedonski applied for the Chair position and Dirk Tepelmann for the Vice Chair position.
As there is one candidate per position available, no vote is required.
Decision The members of TC MTS unanimously appointed Mr. Philip Makedonski as TC MTS Chair and Dirk Tepelmann as TC MTS vice chair.

#  TTCN-3

Jens Grabowski presented the Progress Report TTF T014 Progress Report Milestone B.

The TTF team has completed Task 1, 50 CRs have been closed and implemented in final draft documents.

For the achievement of milestone B, TTF T014 produced the following final drafts.

* + ES 201 873-1: Part 1: TTCN 3 Core Language:

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00201873-1v1.14.1/MTS-201873-1v1.14.1v003.docx>

* + ES 201 873-5: Part 05: TTCN-3 Runtime Interface:

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00201873-5_T3ed491/MTS-201873-5%20T3ed491v482.docx>

* + ES 201 873-6: Part 06: TTCN-3 Control Interface:

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00201873-6v4.13.1/MTS-201873-6v4.13.1v4122.docx>

* + ES 201 873-7 Part 7: Using ASN.1 with TTCN-3

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/002018737v4101/MTS-2018737v4101v492.docx>

* + ES 202 781 TTCN-3 Language Extensions: Configuration and Deployment Support

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00202781v191/MTS-202781v191v001.docx>

* + ES 202 782 TTCN-3 Language Extensions: Performance and Real-time Testing

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00202782_ed141RealtPer/MTS-202782%20ed141RealtPerv001.docx>

* + ES 202 784 TTCN-3 Language Extensions: Advanced Parameterization

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00202784V191/MTS-202784V191v001.docx>

* + ES 202 785 TTCN-3 Language Extensions: Behaviour Types

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/0020187314v191/MTS-20187314v191v001.docx>

* + ES 202 786 TTCN-3 Language Extensions: Support of interfaces with continuous signals

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00202786ed151/MTS-202786ed151v001.docx>

* + ES 202 789 TTCN-3 Language Extensions: Extended TRI

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00202789v161/MTS-202789v161v152.docx>

* + ES 203 022 TTCN-3 Language Extensions: Advanced Matching

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00203022v151/MTS-203022v151v001.docx>

* + ES 203 790 TTCN-3 Language Extensions: Object-Oriented Features

Available at: <https://docbox.etsi.org/MTS/MTS/07-Drafts/00203790v141/MTS-203790v141v001.docx>

Task 2 – Conformance test suites for TTCN-3 tools and sub-tasks

Stable drafts of the T2 deliverables have been made available for the approval of Milestone A in November 2021. The final drafts of the T2 deliverables will be provided as part of Milestone C in March 2022.

Decision: TC MTS approved the TTF progress report milestone B and the 12 final drafts.

# UCAAT

**UCAAT 2021:**

Philip Makedonski provided feedback on UCAAT 2021.

* Good presentations/pre-recordings might have helped for good quality talks
* Good program with different interesting topics
* People had troubles joining, some confusions, (good to know if we use the platform in future)
* Questions in the panel did not always come in. For live, good to have a back-drop.
* Missing of interaction between participants
* A lot of work for a quite low participation compare to a physical event

**UCAAT Steering Committee:**

Philip Makedonski being appointed MTS chair, he will now be also UCAAT SC chair.

Philip will invite some delegates to join the SC.

One of the first task of the SC will be to review the UCAAT guide proposed by Marion Hagemeier and provide feedback.

**UCAAT 2022:**

* Andreas Ulrich indicated that Siemens will be pleased to host the conference in Munich
* Preferable date 13-15 September 2022
* Emmanuelle will prepare the ETSI Event Request form
* Stephan Schulz and Andreas Ulrich accepted to co-chair UCAAT 2022
* Event web site, communication campaign to be launch by mid-February latest
* Having a full virtual event is not the preferred. Low participation and missed of interaction between participants were disappointing in 2021
* Will it be possible to have an hybrid conference (Physical with remote connection possible)
* Will the air Platform still the platform in use in ETSI?

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| **AP(85)001** | ECT to prepare the event request form |  |
| **AP(85)002** | ECT to raised questions to ETSI event team |  |
| **AP(85)003** | Andreas Ulrich and Stephan Schulz to invite PC members and draft the call for presentation |  |
| **AP(85)004** | Philip Makedonski and UCAAT SC provide feedback to UCAAT guide sent by Marion Hagemeier  |  |
| **AP(85)005** | Philip Makedonski to invite SC members |  |

4 **TDL and TOP Enhancement**

Philipp Makedonski presented the current status for TDL Evolution, ToP project and Methodology and the TTF 013 Progress Report milestone D.

 [MTS(22)085011](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2022/MTS%2822%29085011_TTF_013_Status_Update.pdf): Status Report
[MTS(22)085010r1](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2022/MTS%2822%29085010r1_TTF_013_Final_Report.docx) TTF 013 Final report

This progress report covers the work of TTF T013 on reaching Milestone D, done in the period between 08-Mar-2021 and 31-Jan-2022. This period concludes the submission of the deliverables defined for Milestone D.

The work of TTF T013 contributed to a booth presentation of TDL and TOP at the UCAAT 2021. Further dissemination activities have been performed by the experts and their respective organizations.

The final deliverables have been submitted to the attention of TC MTS for approval after MTS#85 by remote consensus.

Andreas Ulrich mentioned he would like to have a discussion on how to continue with the TOP project.
User feedback need to be taken into account. The TOP tooling is not so easy to use. This can be problematic if MTS would like to encourage use of TDL within ETSI TB. Focus on user experience.

Andreas Ulrich proposed to organize a meeting to discuss further the outcome of the current TTF focusing on the User Support and the focus of the next TTF.

**AP(85)007:** Andreas Ulrich to organise a call to discuss future of Top/TDL and update the TTF ToR 2022 and related WI.

# AI Testing

**Joint AI WIs with TC INT:**

Andreas Ulrich presented the recent updates on joint TC INT/TC MTS Wis.

[MTS(22)085012](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2022/MTS%2822%29085012_Benefits_on_the_use_of_AI_for_testing__INT_00166_.docx): Benefits on the use of AI for testing (INT 00166)
Good progress made in collaboration with TC INT, the document could be finalised to be TC approved at next INT meeting 30th March.

A period of two weeks review will be launched within MTS, Taras Holoyad will compile input to the document.

**AP(85)007:** MTS delegates to review the WI INT 00166 and provide comments to Taras Holoyad.

**Research project on Automation of machine learning**

Jurgen Grossman could not attend the meeting but would like to present a research project on **Automation of machine learning**, some support to contribute to AI work in MTS could be provided through the project.
<https://www.fokus.fraunhofer.de/en/projects/sqc/iml4e>

**ISO/IEC JTC 1/SC 42 "Artificial intelligence"**

Axel Rennoch informed TC MTS that a new working group is under establishment in ISO, SC42/SC7 JWG Testing for AI Systems (ISO/IEC JTC 1/SC 42 "Artificial intelligence").

Secretariat: ANSI Committee Manager: Benko Heather Ms.

TC MTS agreed to draft a Liaison to inform ISO/IEC JTC 1/SC 42 on AI WIs, Taras Holoyad participating in both groups can act as liaison officer.

**OCG AI:**

Philip Makedonski provided a summary report of the latest activities:

* OCG\_AI\_requests feedback regarding AI Activities, a questionnaire needs to be filled in before 16th March
* Last call was on 17.01., calls continue on monthly basis
* OCG AI is now open to all members not only TB chairs and vice-chairs.
* There was an ETSI webinar on “AI in 5G and forthcoming 6G: Standardization and Regulatory Perspectives’ on December 17.
* OCG AI is in the process of establishing cooperation with CEN/CENELEC JTC21.

Continued discussion of the proposed AI Act and the potential implications, standardisation requests focusing on hENs are nearing, input is requested (also for coordination with CEN/CENELEC). In particular related to data and data governance, technical documentation and record keeping, transparency and human oversight, robustness and security, risk and quality management.

MTS should consider where a contribution is possible and desirable.

**AP(85)008:** ECT to set up a call in order to draft the LS to ISO/IEC JTC 1/SC 42, answer to the OCG\_AI questionnaire, get a presentation of the Research project from Jurgen Grossman

Decisions MTS#85

The following decisions/documents have been approved during MTS#85 Meeting:

**Appointment of Officials:**

Philip Makedonski is appointed as MTS chair for a period of 2 years

Dirk Tepelmann is appointed as MTS vice chair for a period of 2 years

**Progress Reports**TTF 013 Final Report

TTF014 Progress Report

**Final drafts Approved:**

* + ES 201 873-1: Part 1: TTCN 3 Core Language:

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**Next Meeting Dates:**

MTS#86: 17/18 May 2022, Sophia Antipolis

# Action List

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| --- | --- | --- |
| **Action Number** | **Action**  | **Status** |
| **AP(85)001** | ECT to prepare the event request form for UCAAT |  |
| **AP(85)002** | ECT to raised questions to ETSI event team |  |
| **AP(85)003** | Andreas Ulrich and Stephan Schulz to invite PC members and draft the call for presentation |  |
| **AP(85)004** | Philip Makedonski and UCAAT SC provide feedback to UCAAT guide sent by Marion Hagemeier  |  |
| **AP(85)005** | Philip Makedonski to invite SC members |  |
| **AP(85)006** | Andreas Ulrich to organise a call to discuss future of Top/TDL and update the TTF ToR 2022 and related WI |  |
| **AP(85)007** | MTS delegates to review the WI INT 00166 and provide comments to Taras Holoyad. |  |
| **AP(85)008** | ECT to set up a call in order to draft the LS to ISO/IEC JTC 1/SC 42, answer to the OCG\_AI questionnaire, get a presentation of the Research project from Jurgen Grossman |  |

Dirk Tepelmann thanks the participants and close the meeting.

## Participant List

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|  |  |  |  |
| Title | Last name | First name |  | Organisation |
| Mr. | Barakat | Ramon |  | Fraunhofer FOKUS |
| Mrs. | Chaulot-Talmon | Emmanuelle |  | ETSI |
| Mr. | Grossmann | Juergen |  | Fraunhofer FOKUS |
| Mr. | Holoyad | Taras |  | BMWi |
| Mr. | Kristoffersen | Finn |  | Cinderella ApS |
| Mr. | Lehtmets | Andrus |  | OU Elvior |
| Dr. | Makedonski | Philip |  | Institut für Informatik |
| Mr. | Mulligan | Ultan |  | ETSI |
| Mr. | Rennoch | Axel |  | Fraunhofer FOKUS |
| Ing. | Schaupp | Konrad |  | adare GmbH |
| Ing. | Simon | Matthias |  | Nokia Germany |
| Mr. | Tepelmann | Dirk |  | Spirent Communications |
| Dr. | Ulrich | Andreas |  | Siemens AG |
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