

MINUTES OF THE 24th MEETING OF THE COOMET JOINT COMMITTEE ON MEASUREMENT STANDARDS (JCMS)

April 13, 2023

The 24th online Meeting of the JCMS was held on April 13 via Zoom.

PARTICIPANTS

Structural Body	Name	Status in the COOMET
JCMS	Anna Chunovkina	JCMS Chair, TC 1.1 Chair
	Nikita Zviagin	JCMS Deputy Chair
	Natalia Burmistrova	Secretary of the JCMS
TC 1.2	Valentina Pozdeeva	TC 1.2 Acting Chair
TC 1.3	Vadim Popko	TC 1.3 Acting Chair
TC 1.4	Roman Korneev	TC 1.4 Acting Chair
TC 1.5	Konstantin Chekirda	TC 1.5 Chair
TC 1.6	Viktor Chechel	TC 1.6 Chair Representative
TC 1.7	Anatoly Beskupskiy	TC 1.7 Chair
TC 1.8	Yuri Kustikov	TC 1.8 Acting Chair
TC 1.9	Nikolai Moiseyev	TC 1.9 Chair
TC 1.10	Petr Krivonos	TC 1.10 Chair
TC 1.11	Igor Norets	TC 1.11 Elected Chair
TC 1.12	Sergey Medvedevskikh	TC 1.12 Chair
	Olga Kremleva	TC 1.12 Deputy Chair
	Yulia Bunyaeva	TC 4 Secretary
	Nadezhda Lyakhova	Chair of the COOMET Secretariat

Taking into account quorum requirements for a COOMET meeting set in the COOMET D5/2021, quorum at the 24th online JCMS meeting was ensured.

Dr. Anna Chunovkina, JCMS Chairperson, chaired the meeting in accordance with the approved Agenda.

RESULTS OF THE MEETING

Based on the results of the Meeting, the following DECISIONS were adopted:

1 Discussion of the Draft COOMET Concept on Digital Transformation in Metrology and the Roadmap for its implementation

Speaker: A. Chunovkina, JCMS Chair

Decisions:

1. Due to the TG-DigTr Chair (Andrey Pankov, VNIIM) not being able to take part in the meeting, to ask the TC Chairpersons to familiarize themselves with the Draft COOMET Concept on Digital Transformation in Metrology and the Roadmap for its implementation.
2. To discuss the abovementioned drafts at a supplementary online meeting, which is advisable to carry out before the end of April 2023.

2 On the results of the 112th CIPM meeting (Session I) held on March 21-23, 2023, and 46th JCRB meeting, held on March 15-16, 2023

Speaker: N. Zviagin, JCMS Deputy Chair

Decisions:

1. To take note of the decisions taken at the 112th CIPM meeting (Session I) held on March 21-23, 2023, such as, in particular:
 - Approval of new members of the CIPM and extension of powers of the current CIPM members,
 - Appointment of new Presidents of the Consultative Committees,
 - Approval of the Management Committee responsible for upgrading the management system,
 - Appointment of the new group of the CC representatives for working on issues of climate change and environment,
 - Decisions of the CIPM WG on Digitalization,
 - Decision of the CIPM on the negative leap second, etc.
2. To take note of the decisions taken at the 46th JCRB meeting, held on March 15-16, 2023, such as, in particular:
 - Recommendations on the use of CMC IDs in NMIs/DIs QMS documents,
 - Initiative to submit RMOs' NMIs vision of young metrologists for 2050 and onwards.
3. To ask the JCMS Chairperson to organize at the next JCMS meeting a discussion on implementation and use of the CMC IDs.

3 On implementation of the CIPM MRA

3.1 Presentation of the COOMET Comparison Program for 2023 (COOMET P2/2023)

Speaker: A. Chunovkina, JCMS Chair

Decision:

To take note of the approval of the COOMET Comparison Program for 2023 and its publication on the COOMET web resources.

3.2 On implementation of the President's Council decision to complete "suspended" COOMET comparisons

Speaker: A. Chunovkina, JCMS Chair

Decision:

To take note of the President's Council decision to complete "suspended" COOMET comparisons and, if necessary, to be guided by this decision in TC work (Appendix 1).

3.3 On the national measurement standards of Belarus and Russia, which have not participated in the COOMET comparisons

Speaker: A. Chunovkina, JCMS Chair

Decisions:

1. To take note of the analysis of the lists of national measurement standards of Belarus and Russia, which have not participated in COOMET comparisons. To ask the JCMS Secretary to send the lists to the TC 1.2 – TC 1.11 Chairpersons.
2. To ask the TC 1.2 – TC 1.11 Chairpersons at the next meetings of their TCs to discuss the lists and possibilities of carrying out COOMET comparisons with participation of the measurement standards mentioned in the lists.
3. To discuss this issue at the next JCMS meeting, taking into account feedback from the TC 1.2 – TC 1.11 (if possible, to hold the JCMS meeting before drafting the Comparison Program for 2024).
4. To ask the COOMET Secretariat to inform the EASC that the lists require elaboration concerning COOMET TCs, and that the necessary comparisons will be taken into account, if possible, in the COOMET Comparison Program for 2024. More detailed information will be provided to the EASC in 2024.

3.4 On monitoring and corrective actions in relation to the long-running comparisons, not completed in the KCDB

Speaker: A. Chunovkina, JCMS Chair

Decisions:

1. To take note of the list of COOMET comparisons lasting more than 5 years, managed by the JCRB and JCMS, as well as of some progress in completion of these comparisons.
2. To ask the TC Chairpersons to discuss monitoring of these comparisons at their TC meetings annually.
3. To ask the JCMS Secretary and the TC 1.1 – TC 1.11 Chairpersons to prepare an extended list with detailed information on each comparison no later than May 12, 2023.
4. To ask the JCMS Chairperson and the COOMET Secretariat to bring the issue to the 34th meeting of the COOMET Committee (May 2023) to adopt a resolution addressed to the NMIs Directors aimed to facilitate completion of the comparisons in which their NMIs take part, including its coordination.

3.5 Discussion of general approaches to organizing CEEMS comparisons (taking into account the results of the survey on CEEMS needs and proposals of other COOMET Member Countries)

Speaker: A. Chunovkina, JCMS Chair, N. Lyakhova, Chair of the JCMS Secretariat

Information was provided on the survey results for developing a program to support CEEMS.

Decisions:

1. To take note of the information on developing the draft CEEMS Support Program.

2. To ask the TC Chairpersons to discuss CEEMS proposals on comparisons at the next TC meetings.
3. To ask the JCMS Secretary to send once again the working file containing information on the draft CEEMS Support Program; to ask the TC Chairpersons to give their feedback and clarifications on the “Comparisons” section of the CEEMS Support Program no later than April 20, 2023.
4. To ask the COOMET Secretariat to inform the CEEMS TG Chairperson that the JCMS notes the expediency of forming a section for comparisons taking into account the discussions held at the TC meetings on types of measurements.

4 Discussion of COOMET Development Program for 2023–2025 including the need to clarify the indicators for implementation of the Task A

Speaker: N. Lyakhova, Chair of the JCMS Secretariat

Decisions:

1. To take note of the information on the Draft COOMET Development Program for 2023–2025.
2. To approve in general the Draft COOMET Development Program for 2023–2025.
3. To ask the TC Chairpersons to provide their suggestions and comments on the Draft COOMET Development Program for 2023–2025 to the COOMET Secretariat no later than April 20, 2023.

5 Election of the JCMS Chairperson for 2023 – 2027

Given that the term of office of the current JCMS Chairperson (A. Chunovkina, VNIIM) has ended, election of the new Chairperson was held. The majority of voices supported candidacy of Nikita Zviagin (11 votes in favor, 0 votes against, 1 abstained). The voting results will be submitted for approval at the 34th meeting of the COOMET Committee.

6 On the expediency of developing primary reference measurement techniques and reference measurement techniques. On translation of JCTLM documents on reference measurement techniques

Speaker: A. Chunovkina, JCMS Chair

Decisions:

1. To take note of the information from the JCMS Chairperson about the responses on the issue of development and implementation of reference techniques. To ask the TC Chairpersons to discuss this issue at the next TC meetings, including interest in translating JCTLM documents on reference measurement techniques, and to inform JCMS on the results of these discussions.
2. To take note of the information from S. Medvedevskikh about the concept of primary reference measurement techniques in different COOMET countries and the expediency of using the JCTLM's experience when developing reference techniques.

7 Presentation and discussion of the Annual Reports of the TC Chairpersons

Speaker: A. Chunovkina, JCMS Chair, TC 1.1 – TC 1.11 Chairpersons

During the discussion, it was decided to exchange the Annual Reports via e-mail.

Decisions:

1. To ask the JCMS Secretary to send the annual reports of all the TC to the TC Chairpersons.
2. To ask the TC Chairpersons to submit their comments and proposals to the Chairpersons of the respective TCs.

8 Other issues

8.1 On translating calibration guidelines (EURAMET and PTB/DKD) of interest for the COOMET Member Countries

Speaker: N. Lyakhova, Chair of the JCMS Secretariat

Decisions:

1. To take note of the posting of calibration guidelines (EURAMET and PTB/DKD) at the COOMET web portal at <https://www.coomet.net/ru/dejatelnost/ehtalony-fizicheskikh-velichin/>.
2. To ask the TC Chairpersons to include in the agenda of their next TC meetings the issue of translating documents within the TCs areas of responsibility (taking into account the necessity to first obtain a permission to translate the documents from the owners).

8.2 On adding COOMET training courses to the COOMET sections of the BIPM e-learning platform

Speaker: N. Lyakhova, Chair of the JCMS Secretariat

Decisions:

1. To take note of the information on the COOMET training courses already posted on the BIPM e-learning platform (<https://e-learning.bipm.org/course/index.php?categoryid=8>).
2. To ask the TC Chairpersons to discuss topics for training courses within their measurement areas at the next TC meetings and to prepare the training courses (taking into account the decision of the 33rd COOMET Committee meeting on implementation of this work in 2023).

8.3 On approval of the draft updated recommendation COOMET R/RM/4:2023 “Procedures for joint development, approval, and registration of Reference Materials within COOMET” (replacing COOMET R/RM/4:2008 with clarification of the name)

Speaker: S. Medvedevskikh, TC 1.12 Chair

Decision:

1. To approve the updated recommendation COOMET R/RM/4:2023 “Procedures for joint development, approval, and registration of Reference Materials within COOMET” (prepared taking into account the new concept of legalization of COOMET RMs) and to recommend it to approval at the 34th meeting of the COOMET Committee (May, 2023).

JCMS Chairperson

A. Chunovkina

JCMS Secretary

N. Burmistrova