



MINUTES

28th COOMET Committee meeting

11 – 12 April 2018
Sarajevo, Bosnia and Herzegovina

COOMET Secretariat

The COOMET Committee meeting was convened by the President, Mr. Vladimir Krutikov, and took place in Sarajevo, Bosnia and Herzegovina, on 10-12 April 2018.

LIST OF PARTICIPANTS

Representatives of national metrology organizations of COOMET Member Countries		
Country	First name and surname	Status in COOMET, NMI
AZERBAIJAN	1. Azer GURBANOV	Representative of COOMET Committee Member, Counsellor of the Director General - Quality Manager, AzNIM
ARMENIA	2. Arayik MKHITARYAN	General Director, NIM
	3. Vahan SAHAKYAN	COOMET Committee Member, NIM
BELARUS	4. Valery HUREVICH	COOMET Committee Member, COOMET President Elect, Director of BelGIM
	5. Nikolai BAKOVETS	Deputy Director for Science, BelGIM
	6. Tatyana KOLOMIETS	TC 1.3 Chairperson, BelGIM
	7. Valentina POZDEEVA	TC 1.2 Chairperson, BelGIM
	8. Nadezhda LIAKHOVA	National COOMET Secretariat in Belarus, TC2 Secretariat, BelGIM
BOSNIA and HERZEGOVINA	9. Zijad DZEMIC	COOMET Committee Member, General director, IMBIH
	10. Mirjana ŠUCUR	Deputy Director, IMBIH
	11. Haris MEMIC	National COOMET Secretariat in Bosnia and Herzegovina, IMBIH
GERMANY	12. Peter ULBIG	COOMET Committee Member, COOMET Vice-President, TC 2 Chairperson, PTB
	13. Andreas ODIN	Quality Forum Chairperson, PTB
	14. Moritz ACKERMANN	National COOMET Secretariat in Germany, PTB
	15. Suzana LANGE	Expert, EU-X Consulting
GEORGIA	16. Nino MIKANADZE	COOMET Committee Member, Director of the Institute of Metrology of GEOSTM
KAZAKHSTAN	17. Toktabek TOKANOV	COOMET Committee Member, General Director, RSE "KazInMetr"
	18. Gulnara KASSENALIYEVA	Head of Department, RSE "KazInMetr"
CHINA	19. Song SHUYING	COOMET Committee Member, Vice Director of NIM
	20. Xinhua DAI	Director of Department, NIM
	21. Wei GAO	Director of Department, NIM
	22. Yue ZHANG	Director of Division, NIM

Representatives of national metrology organizations of COOMET Member Countries		
Country	First name and surname	Status in COOMET, NMI
	23. Xu SHUXIA	Expert, NIM
	24. Chao WEI	Scientist, NIM
CUBA	25. Nelson VILLALOBOS	Representative of COOMET Committee Member, Director of INIMET
KYRGYSTAN	26. Mukhamat KAPAROV	Representative of COOMET Committee Member, Deputy Director, Center for standardization and metrology
	27. Nurgazy BOTOEV	Head of Metrology Department, Center for standardization and metrology
LITHUANIA	28. Evaldas NAUJALIS	Representative of COOMET Committee Member, Member of Board of Directors, FTMC
MOLDOVA	29. Anatolie MELENCIUC	COOMET Committee Member, Director of PI NMI
	30. Anatolii BESCUPSCHII	Deputy Head of Division, PI NMI
	31. Alexandra CRUDU	Quality Manager, PI NMI
RUSSIA	32. Vladimir KRUTIKOV	COOMET President, VNIIOFI
	33. Sergey GOLUBEV	Deputy Head of Rosstandart
	34. Anna CHUNOVKINA	JCMS Chairperson, VNIIM
	35. Sergey ZHDANKIN	COOMET Secretariat, VNIIMS
	36. Natalia MURAVSKAYA	TC 3.1 Chairperson, VNIIOFI
	37. Nikolay MOISEEV	TC 1.9 Chairperson, VNIIM
	38. Sergey MEDVEDEVSKI KH	TC 1.12 Chairperson, Director, UNIIM
	39. Viktor FAFURIN	TC 1.4 Chairperson, VNIIR
	40. Andrey ZHARIKOV	Representative of TC 1.11 Chairperson, VNIIFTRI
	41. Viktor FUKSOV	Representative of TC 1.10 Chairperson, Deputy Head of Laboratory, VNIIM
	42. Alexandr IVANOV	Representative of SC 4.2, WG Chairperson, VNIIFTRI
	43. Alexander DOYNIKOV	Chief Metrologist, VNIIFTRI
	44. Egor SOBINA	Deputy Director for Innovations, UNIIM
	45. Mikhail OKREPILOV	Representative of TC 1.8 Chairperson, Deputy Director, VNIIM
	46. Natalia BURMISTROVA	Researcher, VNIIM
SLOVAKIA	47. Dusan BUTAS	COOMET Committee Member, Deputy General Director, SMU

Representatives of national metrology organizations of COOMET Member Countries		
Country	First name and surname	Status in COOMET, NMI
TURKEY	48. Mustafa CETINTAS	COOMET Committee Member, Director, TUBITAK UME
UZBEKISTAN	49. Akbarjon DAMINOV	Representative of COOMET Committee Member, Director, UzNIM
	50. Marat YUNUSOV	National COOMET Secretariat in Uzbekistan, Chief Specialist, UzNIM
UKRAINE	51. Pavel NEYEZHMAKOV	COOMET Committee Member, COOMET Vice-president, TC 4 Chairperson, General Director, NSC "Institute of Metrology"
	52. Irina KOLOZINSKAYA	TC 1.6 Chairperson, NSC "Institute of Metrology"
	53. Yuriy KUZMENKO	Deputy General Director, GP "Ukrmetrteststandard"
	54. Oleh VELYCHKO	Director of Institute, GP "Ukrmetrteststandard"
	55. Oleksandr KOSTRIKOV	Head of Laboratory, NSC "Institute of Metrology"
	56. Yuliya BUNYAYEVA	National COOMET Secretariat in Ukraine, NSC "Institute of Metrology"
	57. Tatiana OMIELICHEVA	Interpreter, NSC "Institute of Metrology"

Representatives of international and regional metrology organization		
IMO / RMO	First name and surname	Status
BIPM	58. Martin MILTON	BIPM Director
	59. Nikita ZVIAGIN	JCRB Executive Secretary
OIML	60. Ian DUNMILL	OIML Assistant Director
EURAMET	61. Beat JECKELMANN	EURAMET Chairperson

The following COOMET member countries were not represented at the meeting:

Country	Information on non-attendance
BULGRIA	Neither the COOMET President nor the Secretariat has any information on the reasons of non-attendance of a representative from Bulgaria
DPR OF KOREA	Neither the COOMET President nor the Secretariat has any information on the reasons of non-attendance of a representative from DPRK
ROMANIA	Neither the COOMET President nor the Secretariat has any information on the reasons of non-attendance of a representative from Romania
TAJIKISTAN	The COOMET Secretariat received a notification saying that a Committee member from Tajikistan will not be able to attend the meeting

OPENING OF THE MEETING

COOMET President Mr. Vladimir Krutikov opened the meeting and welcomed the Committee members, their official representatives and the accompanying specialists.

WELCOMING SPEECH OF HOSTS

General Director of the Institute of Metrology of Bosnia and Herzegovina Mr. Zijad Dzemic addressed the participants with welcoming speech in which he gave a briefing on metrological infrastructure of Bosnia and Herzegovina.

Mr. Zijad Dzemic wished the participants a successful session.

ADOPTION OF THE AGENDA

After the introduction of the participants the Committee adopted the following agenda:

№	Item	Speaker
1	Presentation of the minutes of the 27th COOMET Committee meeting. About implementation of resolutions adopted at the 27th COOMET Committee meeting	S. Zhdankin, Representative of COOMET Secretariat
2	Report of the COOMET President	V. Krutikov
3	Annual report of the COOMET Secretariat	S. Zhdankin
4	About the Memorandum of Understanding in the field of measurement uniformity assurance between EEC and COOMET	V. Hurevich, COOMET Vice-President, COOMET President Elect
5	About proposals for updating the Cooperation and Interaction Protocol between COOMET and EASC in the field of metrology and prospects for cooperation	V. Hurevich
6	Membership of the structural bodies	
6.1	Approval of the candidate for the position of the JCMS Secretary	S. Zhdankin
6.2	About the authorities of the Chairperson of TC 1.5 "Length and Angle"	
6.3	About the authorities of the Chairperson of TC 1.7 "Photometry and Radiometry"	
6.4	About the authorities of the Chairperson of TC 1.11 "Time and Frequency"	
6.5	About the authorities of the Chairperson of Quality Forum	
6.6	About the authorities of the Chairperson of TC 3.1 "Quality Forum Technical Committee"	
6.7	Approval of the candidate for the position of the Chairperson of SC 4.2 "COOMET Informational Resources"	
6.8	Approval of the candidate for the position of the Chairperson of SC 4.3 "Raising Proficiency Level and Work With Young Metrologists"	

№	Item	Speaker
7	Implementation of CIPM MRA	
7.1	About the results of the 38 th and 39 th JCRB meetings	P. Neyezhmakov, COOMET Vice-president
7.2	Annual report of the Chairperson of the Joint Committee for Measurement Standards (JCMS)	A.Chunovkina, JCMS Chairperson
7.3	Additional information ¹ to the report of the JCRB Chairperson on TC 1.1 – TC 1.12 activities	TCs Chairpersons
7.4	Activities of the COOMET Quality Forum. Report of the TC 3.1 Chairperson.	A.Odin, QF Chairperson
7.5	Results of QMS peer reviews at NMIs of COOMET member countries in 2017 - 2018. Peer reviews in 2018 - 2019.	N. Muravskaya, TC 3.1 Chairperson
8	COOMET activities in the field of legal metrology	
8.1	About the results of the 52 nd CIML meeting and RLMO roundtable	P. Ulbig, COOMET Vice-President
8.2	Report of the Chairperson of TC 2 "Legal Metrology"	P. Ulbig, TC2 Chairperson
9	COOMET activities in the field of information and training	
9.1	Report of the Chairperson of TC 4 "Information and Training"	P. Neyezhmakov, TC 4 Chairperson
9.2	Work Program of TC 4 "Information and Training" for 2018-2020	P. Neyezhmakov
9.3	COOMET Informational Resources Maintenance	A. Ivanov, SC 4.2 member
10	Changes in COOMET publications. Submission for approval of COOMET publications, developed and updated in 2017-2018: – COOMET Recommendation "Calibration of resistance thermometers by direct comparison" (new); – COOMET Document "Regulation on the Joint Committee for Measurement Standards (updated)"	S. Zhdankin
11	COOMET activities in the field of reference materials (RMs) development	
11.1	Presentation of RMs developed within COOMET for their recognition as COOMET RMs	S. Medvedevskih, TC 1.12 Chairperson
11.2	Information about the state of the COOMET RMs Register	S. Medvedevskih
12	Awarding a distinguished title of "Honorary Metrologist of COOMET" and conferring breastplates	V. Krutikov
13	About preparation for holding the VIII International Competition "The Best Young Metrologist of COOMET – 2019"	S. Zhdankin
14	Information about the activities of international and regional metrology organizations: BIPM, OIML, EURAMET, APMP	M.Milton (BIPM) N. Zviagin (BIPM), I. Dunmill (OIML), B.Jeckelmann(EURAMET), Gao W. (APMP)

¹ TCs Chairpersons may optionally present additional information.

№	Item	Speaker
15	Information from COOMET NMIs about the state of metrological activities in their countries	COOMET Committee members and their representatives
16	Delegation of authority to the President Elect	V. Krutikov, V. Hurevich
17	Establishment of the Presidential Council's membership	V. Hurevich
18	Signing of the Memorandum of Understanding between COOMET and EURAMET	V. Hurevich, COOMET President
19	About the venue and date of the next COOMET Committee meeting	S. Zhdankin
20	Other issues	

RESULTS OF THE MEETING

1 PRESENTATION OF THE MINUTES OF THE 27th COOMET COMMITTEE MEETING. ABOUT IMPLEMENTATION OF RESOLUTIONS ADOPTED AT THE 27th COOMET COMMITTEE MEETING

The representative of the COOMET Secretariat Mr. Sergey Zhdankin presented the Minutes of the 27th COOMET Committee meeting and reported that all proposals and remarks on the project, received by the Secretariat, were considered in a final version of the Minutes.

Participants of the meeting were informed about the implementation of resolutions of the 27th COOMET Committee meeting.

2 REPORT OF THE COOMET PRESIDENT

COOMET President Mr. Vladimir Krutikov presented a COOMET President's report "About the activities of the organization after the 27th COOMET Committee Meeting (April 2017 - April 2018) and about the tasks of cooperation". The report summarized the activities performed in 2017 and in the beginning of 2018 and determined the main objectives concerning the COOMET work in the nearest future.

COOMET Vice-President Mr. Peter Ulbig (Germany) informed the participants about the commencement of works on performing assessment (from an external expert) of the state of activities and prospects for COOMET cooperation (within the framework of the project "Assistance to regional trade and support of consumer rights protection for COOMET member-countries") and invited COOMET Committee members to participate actively in the survey for the purposes of the external assessment.

3 ANNUAL REPORT OF THE COOMET SECRETARIAT

The representative of the COOMET Secretariat Mr. Sergey Zhdankin presented the Annual report of the COOMET Secretariat on the performed work as of 31 March 2018.

4 ABOUT THE MEMORANDUM OF UNDERSTANDING IN THE FIELD OF MEASUREMENT UNIFORMITY ASSURANCE BETWEEN EEC AND COOMET

COOMET Vice President Mr. Valery Hurevich (Belarus) informed the participants about the work carried out on the agreement of the Memorandum of understanding in the field of measurement uniformity assurance between EEC and COOMET. Furthermore the viewpoints of COOMET Committee members from Azerbaijan, Germany, Georgia, Moldova, Lithuania and Ukraine were noted concerning the inexpediency of signing the Memorandum of behalf of all COOMET countries.

5 ABOUT PROPOSALS FOR UPDATING THE COOPERATION AND INTERACTION PROTOCOL BETWEEN COOMET AND EASC IN THE FIELD OF METROLOGY AND PROSPECTS FOR COOPERATION

COOMET Vice President Mr. Valery Hurevich (Belarus) informed the participants about the work carried out on updating the Cooperation and Interaction Protocol between COOMET and EASC in the field of metrology and prospects for cooperation.

6 MEMBERSHIP OF THE STRUCTURAL BODIES

The representative of the COOMET Secretariat Mr. Sergey Zhdankin provided the updated information about the membership of COOMET structural bodies. The Committee approved the new membership of COOMET structural bodies.

At the suggestion of the Chairperson of the Joint Committee for Measurement Standards, Mrs. Anna Chunovkina (Russia), the COOMET Committee approved the nominee of Ms. Natalia Burmistrova (VNIIM, Russia) for the position of the Secretary of the COOMET Joint Committee for Measurement Standards (additionally a previously taken decision to establish a position of a Deputy Chairperson of the Joint Committee for Measurement Standards was cancelled).

The representative of the COOMET Secretariat Mr. Sergey Zhdankin provided the information about the authorities of Heads of COOMET structural bodies:

- In connection with the end of the term of office of the Chairperson of TC 1.5 "Length and angle" election of a new TC Chairperson was held at the meeting of TC 1.5, which took place on 16-18 May 2017 in Sarajevo, Bosnia and Herzegovina. Mr. Alexandr Kostrikov (NSC "Institute of Metrology", Ukraine) was elected as a new Chairperson by the decision of TC members. The Candidacy was approved by the COOMET Committee.
- At the 15th meeting of TC 1.17 "Photometry and Radiometry", which took place on 15-16 August 2017 in Saint Petersburg, Russia, early election of a new TC Chairperson was held. Mr. Anatolii Bescupschii (PI NIM, Moldova) was elected as a new TC 1.7 Chairperson by the decision of TC members. The Candidacy was approved by the COOMET Committee.
- At the 11th meeting of TC 1.11 "Time and Frequency", which took place on 22-23 March 2018 in Mendeleevo, Russia, the issue of extending the term of office of TC 1.11 Chairperson for a new term was considered. The participants recommended extending the term of office of the current Chairperson Mr. Vitalij Palchikov (VNIIFTRI, Russia). The decision on extending the term of office of Mr. Vitalij Palchikov was approved by COOMET Committee.
- At the 24th meeting of TC 3.1 of the COOMET Quality Forum, which took place on 30 January 2018 in Braunschweig, Germany, the issue of extending the term of office of the Quality Forum Chairperson and TC 3.1 Chairperson for a new term was considered. The participants unanimously voted to extend the term of office of the current Quality Forum Chairperson Mr. Anreas Odin (PTB, Germany) and current Chairperson of TC 3.1 of the Quality Forum Mrs. Natalia Muravskaya (VNIIOFI, Russia). The decision on extending the term of office of Mr. Anreas Odin and Mrs. Natalia Muravskaya was approved by COOMET Committee
- At the 14th meeting of TC 4 "Information and Training", which took place on 31 October – 1 November 2017 in Chisinau, Moldova, the issue of appointing new Chairpersons of SC 4.2 "COOMET Information Resources" and SC 4.3 "Raising Proficiency Level and Work with Young Metrologists" was considered. TC4 recommended to appoint Mr. Alexandr Ivanov (VNIIFTRI, Russia) as a SC 4.2 Chairperson and Mrs. E. Kozmina (VNIIMS, Russia) as a SC 4.3 Chairperson. The Candidacies were approved by the COOMET Committee.

7 IMPLEMENTATION OF CIPM MRA

7.1 About the results of the 38th and 39th JCRB meetings

COOMET Vice-president Mr. Pavel Neyezhmakov (Ukraine) informed the participants about the results of the 38th and 39th JCRB meetings, main results and problems of NMIs of COOMET member-countries, as well as further tasks of COOMET in the process of CIPM MRA implementation.

7.2 Annual report of the Chairperson of the Joint Committee for Measurement standards (JCMS)

The participants heard the report of the Chairperson of the Joint Committee for Measurement standards Mrs. Anna Chunovkina (Russia), which included a review of activities of COOMET TCs 1.1 – TC 1.12 in 2017, as well as information about the results of the 16th meeting of the JCMS held before. During the meeting of the JCMS TC 1.1 – TC 1.12 Chairpersons submitted detailed annual reports on the activities of the Technical Committees. It was noted that update of the information about the e-mails of TC Chairpersons, experts who took part in CMC review, as well as e-mails of TC Secretaries was required to further forward the information to the Executive Secretary of the JCRB.

7.3 Additional information to the report of the JCMS Chairperson on TC 1.1 – TC 1.12 activities

There was no additional information from TC 1.1 – TC 1.12 Chairpersons presented additionally to the report of the JCMS Chairperson.

7.4 Activities of the COOMET Quality Forum. Report of the TC 3.1 Chairperson

The Chairperson of the Quality Forum Mr. Andreas Odin (Germany) and the TC 3.1 Chairperson Mrs. Natalia Muravskaya (Russia) gave a presentation on the work of the Forum and TC 3.1 over the reporting period.

7.5 Results of QMS peer reviews at NMIs of COOMET member countries in 2017 - 2018. Peer reviews in 2018 - 2019.

TC 3.1 Chairperson Mrs. Natalia Muravskaya (Russia) reported on carrying out peer reviews of QMS in NMIs of COOMET member countries over the reporting period and presented a schedule of follow-up inspections.

The Chairperson of the Quality Forum Mr. Andreas Odin (Germany) pointed out the importance of applying harmonized requirements of the Russian-language versions of ISO/IEC 17025:2017 and ISO 17034:2016 when conducting peer reviews of NMI QMS of COOMET member countries.

8 COOMET ACTIVITIES IN THE FIELD OF LEGAL METROLOGY

8.1 About the results of the 52nd CIML meeting and RLMO roundtable

COOMET Vice-President, Chairperson of TC 2 "Legal Metrology" Mr. Peter Ulbig (Germany) presented to the participants information about the results of the 52nd CIML meeting and RLMO roundtable.

8.2 Report of the Chairperson of TC 2 "Legal Metrology"

COOMET Vice-President, Chairperson of TC 2 "Legal Metrology" Mr. Peter Ulbig (Germany) presented the Annual Report on the TC work. He informed the participants about the activities of TC 2, projects carried out in this subject area.

The Chairperson of TC 2 asked the representatives of the concerned member countries to take part in the International conference of OIML-COOMET " Worldwide uniform requirements on prepackages - Basis for fair trade and consumer protection" (16 May 2018, Moscow, Russia) and in the International COOMET seminar on the OIML Certification System (OIML-CS) "Promoting Global Harmonization for Measuring Instruments" (15 May 2018, Moscow, Russia).

9 COOMET ACTIVITIES IN THE FIELD OF INFORMATION AND TRAINING

9.1 Report of the Chairperson of TC 4 "Information and Training"

COOMET Vice-President, Chairperson of TC 4 "Information and training" Mr. Pavel Neyezhmakov (Ukraine) presented to the participants the Annual report on activities of TC 4 and results of the latest meeting of the TC (31 October – 1 November 2017, Chisinau, Moldova).

It was also noted that it is necessary to arrange a training seminar in 2019 within the framework of the BIPM Capacity Building and Knowledge Transfer Program (CBKT) for the Chairpersons of TC 1.1 – TC 1.12, TC 3.1 (2019) due to the expected revision of the CIPM MRA Agreement.

9.2 Work Program of TC 4 "Information and Training" for 2018-2020

The Work Program of TC 4 for 2018-2020 was approved by the COOMET Committee.

9.3 COOMET Informational Resources Maintenance

The representative of SC 4.2, administrator of the COOMET website Mr. Alexandr Ivanov (Russia) presented to the participants information about the state of COOMET information resources (database "COOMET Projects", "Comparisons of COOMET member countries", "CMC of COOMET member countries", Reference materials of COOMET" and other auxiliary resources).

10 CHANGES IN COOMET PUBLICATIONS. SUBMISSION FOR APPROVAL OF COOMET PUBLICATIONS, DEVELOPED AND UPDATED IN 2017 - 2018:

The representative of the COOMET Secretariat Mr. Sergey Zhdankin submitted for approval a new COOMET publication, prepared in 2018: COOMET Recommendation "Calibration of resistance thermometers by direct comparison". The Recommendation was approved by the COOMET Committee.

The representative of the COOMET Secretariat Mr. Sergey Zhdankin submitted for approval an updated COOMET publication: COOMET Document "Regulation on the Joint Committee for Measurement Standards". The Document was approved by the COOMET Committee.

The publications mentioned above will be posted by the COOMET Secretariat on the COOMET information resources.

11 COOMET ACTIVITIES IN THE FIELD OF REFERENCE MATERIALS (RMS) DEVELOPMENT

11.1 Presentation of RMs, developed within COOMET, for their recognition as COOMET RMs

Chairperson of TC 1.12 "Reference Materials" Mr. Sergey Medvedevskikh (Russia) presented the information about two new types of reference materials:

- CRM of mass fraction of metals in slag of copper smelting production (SHM CRM UNIIM), developed within project 648/RU/14 (coordinator – FGUP "UNIIM", Ekaterinburg, Russia);
- CRM for composition of refined gold (CRM set ZIN), developed within project 732/RU/17 (coordinator – JSC "Krastsvetmet", Krasnoyarsk, Russia),

recommended by TC 1.12 to be recognized as COOMET RMs and included in the COOMET RMs Register.

The COOMET Committee supported the proposal and recognized the abovementioned RMs as COOMET RMs.

11.2 Information about the state of the COOMET RMs Register

The Chairperson of TC 1.12 "Reference Materials" Mr. Sergey Medvedevskikh (Russia) informed the participants about the state of the COOMET RMs Register using the statistics from the COOMET RM Database, as well as about works performed to update the COOMET RMs Register (on the basis of the results of works performed amendments were made to the COOMET RMs Register in terms of extending the validity of Certificates of national RMs of COOMET member countries). He also suggested removing 4 types of RMs from the COOMET RMs Register at the initiative of a developer.

The COOMET Committee supported the proposal.

12 AWARDING A DISTINGUISHED TITLE OF "HONORARY METROLOGIST OF COOMET" AND CONFERRING BREASTPLATES

The COOMET Committee upheld the decision to award a distinguished title of "Honorary Metrologist of COOMET" to 4 specialists from COOMET member countries (Moldova, Ukraine, Russia, Belarus).

13 ABOUT PREPARATION FOR HOLDING THE VIII INTERNATIONAL COMPETITION "THE BEST YOUNG METROLOGIST OF COOMET – 2019"

The representative of the COOMET Secretariat Mr. Sergey Zhdankin informed the participants about preparation for the VIII International Competition "The Best Young Metrologist of COOMET - 2019", that will take place in 2019 in Russia. The date and venue of the competition will be reported additionally.

14 INFORMATION ABOUT THE ACTIVITIES OF INTERNATIONAL AND REGIONAL METROLOGY ORGANIZATIONS: BIPM, OIML, EURAMET, APMP

Under this item of the Agenda presentations were delivered on the current activities and primary tasks for the next few years of the following organizations:

BIPM: Mr. Martin Milton, Mr. Nikita Zviagin;

OIML: Mr. Ian Dunmill;

EURAMET: Mr. Beat Jeckelmann;

APMP: Mr. Gao Wei.

15 INFORMATION FROM COOMET NMIS ABOUT THE STATE OF METROLOGICAL ACTIVITIES IN THEIR COUNTRIES

During the Committee meeting all presented Committee Members or their representatives shared the information about the state of metrological activities and related current problems, most important events in the field of metrology in their countries. Delivered presentations were posted on the COOMET information resources (on the page of the 28th COOMET Committee meeting).

16 DELEGATION OF AUTHORITY TO THE PRESIDENT ELECT

In accordance with the resolution of the 27th COOMET Committee meeting, concerning the election of Mr. Valery Hurevich (BelGIM, Belarus) as the COOMET President, official delegation of authority of the COOMET President from Mr. Vladimir Krutikov to Mr. Valery Hurevich took place.

17 ESTABLISHMENT OF THE PRESIDENTIAL COUNCIL'S MEMBERSHIP

COOMET President Mr. Valery Hurevich (Belarus) submitted to the participants proposals on the candidates for positions of COOMET Vice-Presidents and on the field of activities of each of the Vice-Presidents.

The COOMET Committee approved the candidates for positions of COOMET Vice-Presidents and their fields of activities.

18 SIGNING OF THE MEMORANDUM OF UNDERSTANDING BETWEEN COOMET AND EURAMET

Under this item of the Agenda signing of the Memorandum of Understanding between COOMET and EURAMET took place.

The Memorandum was signed by the COOMET President Mr. Valery Hurevich and EURAMET Chairperson Mr. Beat Jeckelmann.

19 ABOUT THE VENUE AND DATE OF THE NEXT COOMET COMMITTEE MEETING

In accordance with the invitation of a COOMET Committee member from Germany Mr. Peter Ulbig it was decided to hold the 29th COOMET Committee meeting in April 2019 in Germany. The date and venue of the meeting will be agreed in due course.

20 OTHER ISSUES

No consideration was given to the issues within this item.

AGREEMENT AND APPROVAL OF RESOLUTIONS

The agreed resolutions are attached to these minutes.

CLOSURE OF THE MEETING

Mr. Vladimir Krutikov, the Former COOMET President, and Mr. Valery Hurevich, the COOMET President, who took office, thanked the participants for their active work, the COOMET Secretariat and Hosts for high level of preparation and holding the meeting.

The participants were also grateful to the hosts for their hospitality and excellent arrangements of the events.

RESOLUTIONS of the 28th COOMET COMMITTEE MEETING

<i>Agenda item</i>	<i>Resolution number</i>	<i>Content</i>
	RESOLUTION 1	To accept the agenda of the 28 th COOMET Committee meeting
1	RESOLUTION 2	To accept the Minutes of the 27 th COOMET Committee Meeting (COOMET-28/01).
2	RESOLUTION 3	To take note of the report of the COOMET President and to use its statements in further COOMET activities (COOMET-28/02).
	RESOLUTION 4	<p>To take note of the information presented by Mr. Peter Ulbig (Germany), Vice-President of COOMET, about the beginning of works (at the initiative of PTB, Germany) on the assessment by an external expert (Ms. Suzana Lange, EU-X CONSALTING) of the state of activities and prospects for COOMET cooperation (within the framework of the project "Assistance to regional trade and support of consumer rights protection for COOMET member-countries").</p> <p>To ask the COOMET Committee Members to take active part in the survey for the purposes of the external assessment.</p> <p>To provide the results of the mentioned assessment at the 23rd Presidential Council meeting.</p>
	RESOLUTION 5	<p>To ask the COOMET President to establish a Working Group to discuss a COOMET development strategy, including the issues of COOMET legal status and financing of the organization's further activities.</p> <p>Preliminary results are to be considered at the next meeting of the COOMET Presidential Council (November-December, 2018)</p>
3	RESOLUTION 6	To approve the Annual Report of the COOMET Secretariat (COOMET-28/03).
4	RESOLUTION 7	<p>To take note of the information presented by the COOMET Vice-President Mr. Valery Hurevich (Belarus) on the work performed in order to agree on the Memorandum of Understanding in the field of measurements uniformity assurance between EEC and COOMET.</p> <p>To take note of the viewpoints of the COOMET Committee members from Azerbaijan, Germany, Georgia, Moldova, Lithuania and Ukraine on the inexpediency of signing this Memorandum on behalf of all COOMET countries (the signing is possible with restrictions in terms of dissemination of the Memorandum only on those COOMET-member countries, which are also members of the Eurasian Economic Union (EEC).</p> <p>The final decision on the expediency of signing the Memorandum of Understanding in the field of measurements uniformity assurance between the EEC and COOMET is to be taken at the next meeting of the COOMET Presidential Council (November-December, 2018).</p>

<i>Agenda item</i>	<i>Resolution number</i>	<i>Content</i>
5	RESOLUTION 8	To take note of the information of the COOMET Vice-President Mr. Valery Hurevich (Belarus) on the work performed to update the Protocol of cooperation and interaction between COOMET and EASC in the field of metrology and prospects for cooperation. To consider the progress of work at the next meeting of the COOMET Presidential Council (November-December, 2018) after the discussion of the updated version of the draft Protocol at the meeting of EASC STCMetr.
6	RESOLUTION 9	<p>To approve the new membership of COOMET structural bodies (COOMET-28/06). To extend the term of office of the Chairpersons of the Technical Committees for 4 years (term of office - until April 2022):</p> <ul style="list-style-type: none"> – TC 1.11 "Time and Frequency": Mr. Vitalij Palchikov (VNIIFTRI, Russia); – COOMET Quality Forum: Mr. Andreas Odin (PTB, Germany); – TC 3.1 "Quality Forum Technical Committee": Mrs. Natalia Muravskaya (VNIIOFI, Russia). <p>To approve as the Chairpersons of the Technical Committees (term of office - until April 2022):</p> <ul style="list-style-type: none"> – TC 1.5 "Length and Angle": Mr. Alexander Kostrikov (NSC "Institute of Metrology", Ukraine); – TC 1.7 "Photometry and Radiometry": Mr. Anatolii Bescupschii (NMI, Moldova). <p>To approve as the Chairpersons of the Subcommittees (term of office - until April 2021):</p> <ul style="list-style-type: none"> – SC 4.2 "COOMET Information Resources": Mr. Alexandr Ivanov (VNIIFTRI, Russia); – SC 4.3 "Raising Proficiency Level and Work with Young Metrologists": Mrs. E. Kozmina (VNIIMS, Russia). <p>To approve the nominee of Ms. Natalia Burmistrova (VNIIM, Russia) for the position of the Secretary of the COOMET Joint Committee for Measurement Standards (term of office - until April 2022): To cancel an earlier decision to establish the position of a Deputy Chairperson of the COOMET Joint Committee for Measurement Standards.</p>
7	RESOLUTION 10	To take note of the information presented by the COOMET Vice-President Mr. Pavel Neyezhmakov (Ukraine) about the 38 th and 39 th JCRB Meetings (COOMET-28/07.1) .
	RESOLUTION 11	<p>To take note of the Annual Report of the Chairperson of the COOMET Joint Committee for Measurement Standards (COOMET-28/07.2).</p> <p>To ask the Chairpersons of COOMET TC 1.2 – TC 1.11 to update, if necessary, their e-mail addresses and e-mail addresses of the experts participating in the CMC review (to indicate the e-mail addresses of the TC Secretaries as appropriate) and to send the information to the COOMET Secretariat by May 15, 2018 for further official transmission to the JCRB Executive Secretary.</p> <p>To draw the attention of the Chairpersons of the COOMET Technical Committees to the need for timely update of the information in case of changing the contact data of the participants of an interregional review of CMC entries.</p>

<i>Agenda item</i>	<i>Resolution number</i>	<i>Content</i>
	RESOLUTION 12	<p>To draw attention of the Chairpersons of the COOMET TC 1.2 – TC 1.11 to the need for timely confirmation of participation in an interregional review of CMC entries and compliance with the deadlines.</p> <p>To ask the Chairperson of the Joint Committee for Measurement Standards to consider the issue of losing the COOMET rights to perform interregional review at the next meeting of the Joint Committee for Measurement Standards in 2019.</p>
	RESOLUTION 13	To ask the Chairperson of the Joint Committee for Measurement Standards and the Chairpersons of TC 1.2 – TC 1.12 to prepare an updated version of the COOMET Program of Comparisons and send it to the COOMET Secretariat by November 1, 2018 for further submission to the COOMET Presidential Council for consideration (November-December, 2018).
	RESOLUTION 14	To take note of the report of the Chairperson of COOMET Quality Forum and Chairperson of TC 3.1 "Technical Committee of COOMET Quality Forum" (COOMET-28/07.3).
	RESOLUTION 15	<p>Taking into account,</p> <ul style="list-style-type: none"> – the importance of application of the agreed requirements stated in Russian-language versions of ISO IEC 17025:2017 and ISO 17034:2016 for conducting peer reviews of QMS of NMIs of COOMET-member countries, – that the Russian language is one of the official languages of COOMET, – that the Russian Federation is the country responsible for the official translation of international ISO standards into Russian, <p>to ask the COOMET President to request the Chairperson of Rosstandart to send draft official translations of ISO/IEC 17025:2017 and ISO 17034:2016 through the COOMET Secretariat to the interested NMIs of COOMET-member countries for consideration, in particular for the subsequent use of the agreed versions of the translations in the development of interstate standards (GOST ISO/IEC 17025 and GOST ISO 17034) and for the unification of approaches to the statement of the requirements of these standards.</p>
8 8.1	RESOLUTION 16	To take note of the information of the Chairperson of TC 2 "Legal metrology" about the 52 nd CIML meeting and RLMO roundtable (COOMET-28/08.1).
8.2	RESOLUTION 17	<p>To take note of the Annual report of the Chairperson of TC 2 "Legal metrology" (COOMET-28/08.2).</p> <p>To ask the interested COOMET member-countries to participate in the International Conference OIML-COOMET "Worldwide uniform requirements on prepackages - Basis for fair trade and consumer protection" (16 May 2018, Moscow, Russia) and in the International COOMET seminar on the OIML Certification System (OIML-CS) "Promoting Global Harmonization for Measuring Instruments" (15 May 2018, Moscow, Russia).</p>
9 9.1	RESOLUTION 18	To take note of the Annual report of the Chairperson of TC 4 "Information and Training" (COOMET-28/09.1).

<i>Agenda item</i>	<i>Resolution number</i>	<i>Content</i>
	RESOLUTION 19	<p>To ask the Chairperson of TC 4 to arrange a training seminar in 2019 within the framework of the BIPM Capacity Building & Knowledge Transfer Program (CBKT) for the Chairpersons of TC 1.1 – TC 1.12, TC 3.1 due to the expected revision of the CIPM MRA Agreement.</p> <p>The COOMET Secretariat and TC 4 Secretariat should inform as the matter of course the COOMET Committee Members about the venue and date of the seminar.</p>
9.2	RESOLUTION 20	To approve the Work program of TC 4 "Information and Training" for 2018-2020 (COOMET-28/09.2).
9.3	RESOLUTION 21	To take note of the information provided by the SC 4.2 Chairperson about the state of the COOMET information resources.
	RESOLUTION 22	<p>To take note of the information about the beginning of works on the creation and maintenance of a new single unified information resource of COOMET (the expected date of the development completion – until the end of 2019), as well as the establishment of the Working Group on the creation of a new single information resource of COOMET (WG-Web).</p> <p>To appoint the Chairperson of TC 4 Mr. Pavel Neyezhmakov (Ukraine) as the Chairperson of the WG-Web (responsible for the development of a new single unified information resource of COOMET).</p> <p>To appoint Mr. Alexandr Ivanov (Russia) as the Deputy Chairperson of the WG-Web.</p> <p>To approve the Membership of the WG-Web (Annex COOMET-28/09.3).</p> <p>To consider the progress of works at the next meeting of the COOMET Presidential Council (November-December, 2018).</p>
10	RESOLUTION 23	<p>To approve the prepared and updated versions of COOMET publications:</p> <ul style="list-style-type: none"> – COOMET Recommendation R/T/33:2018 "Calibration of resistance thermometers by direct comparison" (COOMET-28/10.1); – COOMET Document D5.1/2018 "Regulation on the Joint Committee for Measurement Standards" (COOMET-28/10.2).
	RESOLUTION 24	To request the COOMET Secretariat to register and share the prepared and updated versions of the publications on the COOMET information resources by 15 June, 2018.
11 11.1	RESOLUTION 25	<p>To recognize the reference materials agreed by TC 1.12 as COOMET reference materials (COOMET-28/11.1) on the basis of the decision of the countries that joined the recognition.</p> <p>To ask the correspondents of the COOMET-member countries in TC 1.12, which haven't sent their decisions, to consider the above mentioned List of reference materials and submit to the Secretariat of TC 1.12 (UNIIM, Russia) the information about the possibility of their recognition as COOMET reference materials by 1 May, 2018.</p> <p>To ask the TC 1.12 Secretariat (UNIIM, Russia) to register the Reference Materials included in Annex COOMET-28/11.1, in the Register of COOMET RMs in accordance with the requirements of the COOMET Recommendation R/RM/4:2008, taking into account the additionally joined countries.</p>

<i>Agenda item</i>	<i>Resolution number</i>	<i>Content</i>
11.2	RESOLUTION 26	<p>To take note of the information presented by the Chairperson of TC 1.12 about the state of the Register of COOMET RMs and works on its updating.</p> <p>To remove from the Register of COOMET RMs the reference materials, included in the List of RMs agreed for the exclusion from the Register of COOMET RMs (COOMET-28 /11.2), based on the proposals of Bulgaria.</p> <p>To ask the Secretariat of TC 1.12 (UNIIM, Russia) to include in the Register of COOMET RMs the information on the deletion from the Register of 4 types of RMs under Annex COOMET-28/11.2 in accordance with the rules of the COOMET Recommendation R/RM/4:2008.</p>
12	RESOLUTION 27	<p>For the considerable personal contribution to the work and activities of COOMET, to give the Distinguished Title "Honorary Metrologist of COOMET" to the following specialists of the COOMET-member countries organizations and to award them with the breastplate:</p> <p>No. of a breastplate:</p> <p>77 Mr. Constantin BORDIANU, Moldova;</p> <p>78 Mr. Pavel NEYEZHMAKOV, Ukraine;</p> <p>79 Mr. Vitaly PALCHIKOV, Russia;</p> <p>80 Mrs. Marina YARMOLOVICH, Belarus.</p>
13	RESOLUTION 28	<p>To take note of the information about holding the VIII International Competition "The best young COOMET metrologist – 2019" in the Russian Federation.</p> <p>The COOMET Secretariat and the TC 4 Secretariat should inform as the matter of course the COOMET Committee Members about the venue and date of the VIII International Competition.</p>
14	RESOLUTION 29	<p>To express gratitude to the representatives of BIPM (Mr. Martin Milton, Mr. Nikita Zviagin), OIML (Mr. Ian Dunmill), EURAMET (Mr. Beat Jeckelmann), APMP (Mr. Gao Wei) for the provision of the information on the activities of the mentioned organizations (COOMET-28/14.1, COOMET-28/14.2, COOMET-28/14.3 COOMET-28/14.4, COOMET-28/14.5)</p>
15	RESOLUTION 30	<p>To take note of the information provided by the participants of the meeting about the state of metrological activities in national organizations of COOMET-member countries.</p>
16	RESOLUTION 31	<p>To delegate the authority of the COOMET President to Mr. Valery Hurevich (BelGIM, Belarus) for the period of 3 years according to the decision of 27th COOMET Committee Meeting.</p> <p>To take note of the information on the appointment of Ms. Nadezhda Liakhova (BelGIM, Belarus) for the position of the Head of the COOMET Secretariat.</p>
	RESOLUTION 32	<p>To express gratitude to Mr. Vladimir Krutikov (Russia) for his long-standing efficient work as the COOMET President.</p>
17	RESOLUTION 33	<p>To approve the nominees for the positions of COOMET Vice-Presidents:</p> <ul style="list-style-type: none"> – Mr. Sergey Golubev (Russia); – Mr. Peter Ulbig (Germany); – Ms. Nino Mikanadze (Georgia); – Mr. Pavel Neyezhnikov (Ukraine).

<i>Agenda item</i>	<i>Resolution number</i>	<i>Content</i>
	RESOLUTION 34	To take note of the information that the COOMET President provides overall guidance to COOMET activities, as well as coordination of cooperation between COOMET and international metrology organizations.
	RESOLUTION 35	To approve the fields of concern of the Vice-Presidents: <ul style="list-style-type: none"> – Mr. S. Golubev (Russia): Coordination of COOMET cooperation in the field of measurement standards, joint scientific research; – Mr. P. Ulbig (Germany): Cooperation in the field of legal metrology; – Ms. N. Mikanadze (Georgia): Development of quality management systems and collaboration in the field of accreditation; – Mr. P. Neyezhnikov (Ukraine): Interaction with regional metrology organizations, information and knowledge transfer. To ask the COOMET President to arrange for the consideration of the issue of clarifying the assignment of responsibilities of the COOMET Vice-Presidents at the next meeting of the COOMET Presidential Council (November-December, 2018).
18	RESOLUTION 36	To take note of the information on signing the Memorandum of Understanding between COOMET and EURAMET (COOMET-28/18.1).
	RESOLUTION 37	To ask the Chairpersons of the COOMET structural bodies to send their proposals to the Action Plan for 2019 to the COOMET Secretariat (the basis is Article 4 of the Memorandum of Understanding between COOMET and EURAMET) by 15 September, 2018.
19	RESOLUTION 38	To hold the 29 th COOMET Committee Meeting in April 2019 in Germany. The COOMET Secretariat should inform as the matter of course the COOMET Committee Members about the venue and date of the COOMET Committee Meeting.
	RESOLUTION 39	To ask the COOMET Committee Members to consider the possibility of holding the 30 th meeting of the COOMET Committee (2020) in their countries and to send the corresponding proposals to the COOMET Secretariat by December 1, 2018.

DOCUMENTS OF THE 28TH COOMET COMMITTEE MEETING (ANNEXES TO THE MINUTES)

<i>Item of the Agenda (document)</i>	<i>Document code</i>
Presentation of the minutes of the 27 th COOMET Committee meeting	COOMET-28/01
Report of the COOMET President	COOMET-28/02
Annual report of the COOMET Secretariat	COOMET-28/03
Membership of the structural bodies	COOMET-28/06
About the results of the 38 th and 39 th JCRB meetings	COOMET-28/07.1
Annual report of the Chairperson of the Joint Committee for Measurement Standards	COOMET-28/07.2
Activities of the COOMET Quality Forum	COOMET-28/07.3
About the results of the 52 nd CIML meeting and RLMO roundtable	COOMET-28/08.1 In English
Annual report of the Chairperson of TC 2 "Legal Metrology"	COOMET-28/08.2
Annual report of the Chairperson of TC 4 "Information and Training"	COOMET-28/09.1
Work Program of TC 4 "Information and Training" for 2018-2020	COOMET-28/09.2
COOMET Informational Resources Maintenance (Membership of the Working Group for creation of a new unified information resource of COOMET (WG-Web))	COOMET-28/09.3
Prepared COOMET Recommendation "Calibration of resistance thermometers by direct comparison"	COOMET-28/10.1
Updated COOMET Document "Regulation on the Joint Committee for Measurement Standards"	COOMET-28/10.2
Presentation of RMs developed within COOMET for their recognition as COOMET RMs (List of the reference standards adopted as COOMET RMs)	COOMET-28/11.1
About the state of the COOMET RMs Register (List of the reference standards agreed for removal from the COOMET RMs Register)	COOMET-28/11.2
Information about the activities of international and regional metrology organizations (BIPM, OIML, EURAMET, APMP)	COOMET-28/14.1 COOMET-28/14.2 COOMET-28/14.3 COOMET-28/14.4 COOMET-28/14.5 In English
Signing of the Memorandum of Understanding between COOMET and EURAMET	COOMET-28/18.1