

COOMET Report to the SIM General Assembly

GENERAL INFORMATION

COOMET Members and their Relation to the Metre Convention and CIPM MRA



ARMENIA
AZERBAIJAN
BELARUS
BOSNIA AND
HERZEGOVINA
BULGARIA
CHINA



CUBA
GERMANY
GEORGIA
DPR OF KOREA
KAZAKHSTAN



KYRGYZSTAN
LITHUANIA
MOLDOVA
ROMANIA
RUSSIA



SLOVAKIA
TAJIKISTAN
TURKEY
UKRAINE
UZBEKISTAN

GENERAL INFORMATION

The COOMET member-countries cooperate in the following areas:



MEASUREMENT STANDARDS OF PHYSICAL UNITS



LEGAL METROLOGY

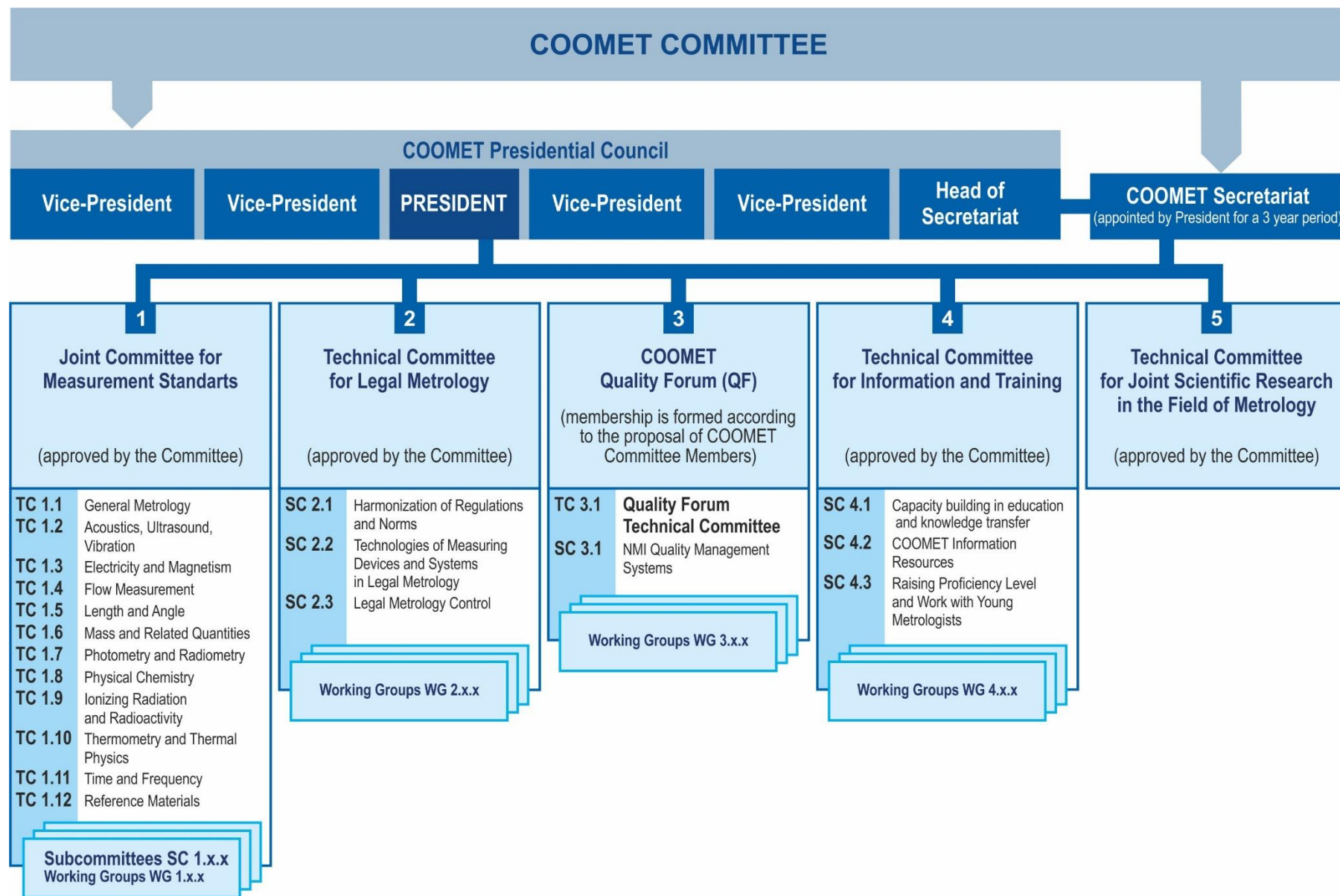


QUALITY MANAGEMENT SYSTEMS



INFORMATION AND TRAINING

COOMET STRUCTURE



COOMET STRUCTURE

For the purpose of solving common problems **COOMET** created effective mechanisms to reach the following **objectives**:

JCMS



To achieve compatibility of national measurement standards

To recognize national calibration certificates

QF&TC3.1



To evaluate the QMS in NMIs of COOMET member-countries

TC2



To harmonize legal metrology requirements

To exchange information on the current status of legal metrology development in member-countries

TC4



To promote the exchange of metrology knowledge

To collaborate in developing metrology projects

TC5



To realize joint research projects

*Decision of the 29th COOMET Committee meeting:
to suspend the activities of TC5
"Joint scientific research in the field of metrology"*

COOMET PRESIDENT and SECRETARIAT

From 12 of April 2018



COOMET President:
Dr. Valery HUREVICH



Director of Belarussian State Institute of Metrology (BelGIM)

Contacts:

E-mail: coomet@belgim.by, hurevich@belgim.by

COOMET President manages the general coordination of COOMET activity, as well as the coordination of cooperation between COOMET and international metrology organizations

JCRB Representative



COOMET Secretariat:

Belarussian State Institute of Metrology (BelGIM)

Address: 93, Starovilensky trakt, Minsk, 220053, Belarus

Head: Ms. Nadezhda LIAKHOVA

E-mail: coomet@belgim.by

COOMET VICE-PRESIDENTS

The following members were elected as Vice-presidents:



Vice-President
Sergey GOLUBEV
(Rosstandart, Russia)

Coordination of cooperation in the field of measurement standards and joint scientific research



Vice-President
Peter ULBIG
(PTB, Germany)

Cooperation in the field of legal metrology



Vice-President
Nino MIKANADZE
(GeoSTM, Georgia)

Development of quality management systems and collaboration in the field of accreditation



Vice-President
Pavel NEYEZHMAKOV
(NSC "IM", Ukraine)

Interaction with regional metrology organizations, information and knowledge transfer



29th meeting of COOMET Committee and 17th meeting of the JCMS 3-4 April 2019, Dresden, Germany

Specialists from 16 countries (Armenia, Belarus, Bosnia and Herzegovina, Germany, Georgia, Kazakhstan, China, Cuba, Kyrgyzstan, Lithuania, Moldova, Russia, Slovakia, Tajikistan, Uzbekistan, Ukraine) took part in the event, as well as representatives of international metrology organizations (**BIPM, OIML**) and representatives of regional metrology organizations (**EURAMET, WELMEC and APMP**). Representatives of the State Measurement Standard Centre of the Main State Service "**Turkmenstandartlary**" attended the meeting as guests.

Taking into account the 26th CGPM meeting, the Resolution 1 of CGPM was discussed regarding redefinition of the SI units and tasks of COOMET structural bodies and NMIs of COOMET member countries, related to these resolutions. It was agreed to hold a workshop "Redefinition of the International System of Units (SI)" in October 2019 at the premises VNIIM named after D.I. Mendeleev, Saint Petersburg, Russia

COOMET CHAIRPERSONS

JCMS	Anna CHUNOVKINA, VNIIM, RUSSIA, new term	} JCMS
TC1.1 GM	Anna CHUNOVKINA, VNIIM, RUSSIA, new term	
TC1.2 AUV	Valentina POZDEEVA, BelGIM, BELARUS	
TC1.3 EM	Tatyana KOLOMIETS, BelGIM, BELARUS	
TC1.4 FF	Viktor FAFURIN, VNIIR, RUSSIA, new term	
TC1.5 L	Aleksandr KOSTRIKOV, NSC “IM”, UKRAINE	
TC1.6 M	Iryna KOLOZINSKAYA, NSC “IM”, UKRAINE	
TC1.7 PR	Anatolii BESCUPSCHII, INM, MOLDOVA	
TC1.8 QM	Leonid KONOPELKO, VNIIM, RUSSIA	
TC1.9 RI	Nikolay MOISEEV, VNIIM, RUSSIA, new term	
TC1.10 T	Anatoly POKHODUN, VNIIM, RUSSIA	
TC1.11 TF	Vitaliy PALCHIKOV, VNIIFTRI, RUSSIA	
TC1.12 RM	Sergey MEDVEDEVSKIKH, UNIIM, RUSSIA	
TC2 LM	Peter ULBIG, PTB, GERMANY	
QF	Andreas ODIN, PTB, GERMANY	
TC3.1 QF	Natalya MURAVSKAYA, VNIIOFI, RUSSIA	
TC4 I&TR	Pavel NEYEZHMAKOV, NSC “IM”, UKRAINE, new term	

****new term** - until April 2023 (decision of the 29th COOMET Committee meeting)*

COOMET Presidential Council approved **Mr. Nikita Zviagin (VNIIM, Russia)** as a Deputy Chairperson of Joint Committee for Measurement Standards.

In 2019 the following COOMET structural bodies held their meetings:

- ❖ **Measurement Standards Joint Committee** (2 April 2019, Dresden, Germany);
- ❖ **TC 1.1 "General metrology"** (1 July 2019, Saint-Petersburg, Russia);
- ❖ **TC 1.2 "Acoustics, Ultrasound, Vibration"** (27-29 August 2019, Mendeleevo, Russia);
- ❖ **TC 1.4 "Flow Measurement"** (3 September 2019, Kazan, Russia);
- ❖ **TC 1.5 "Length and angle"** (17-20 September 2019, Tbilisi, Georgia);
- ❖ **TC 1.7 "Photometry and radiometry"** (10-12 September 2019, Bratislava, Slovakia);
- ❖ **TC 1.8 "Physical Chemistry"** (22–23 May 2019, Saint-Petersburg, Russia);
- ❖ **TC 1.9 "Ionizing radiation and radioactivity"** (17-19 September 2019, Kishinev, Moldova);
- ❖ **TC 1.10 "Thermometry and Thermal Physics"** (27-29 August 2019, Irkutsk, Russia);
- ❖ **TC 3.1 "Technical committee of Quality Forum"** (26-27 March 2019, Kishinev, Moldova);
- ❖ **TC 2 "Legal metrology"** (12 September 2019, Kiev, Ukraine)

Meetings of the following COOMET structural bodies will be held In 2019:

- ❖ **24th Meeting of Presidential Council** (27-28 November 2019, Tbilisi, Georgia);
- ❖ **TC 1.3 "Electricity and magnetism"** (22-24 October 2019, Kishinev, Moldova);
- ❖ **TC 1.6 "Mass and related quantities"** (1 October 2019, Sankt-Petersburg, Russia);
- ❖ **TC 1.11 "Time and frequency"** (10-11 October 2019, Gebze, Turkey);
- ❖ **TC 1.12 "Reference materials"** (25 September 2019, Minsk, Belarus);
- ❖ **Quality Forum and TC 3.1 "Quality Forum Technical Committee"** (30 September – 2 October 2019, Gebze, Turkey);
- ❖ **TC 4 "Information and training"** (2-3 October 2019, Baku, Azerbaijan).

COOMET ACTIVITIES

Implementation of COOMET projects

The general amount of projects, which have been registered by the COOMET Secretariat since 1991, is **793 projects** (as of 20 of September 2019).

In 2018–2019 **53 new projects** were proposed during the reporting period:

10 projects – for the field "Mass and Related Quantities",

8 projects – for the field "Legal Metrology",

7 projects – for the field "Physical chemistry",

6 projects – for the field "Thermometry and thermal physics",

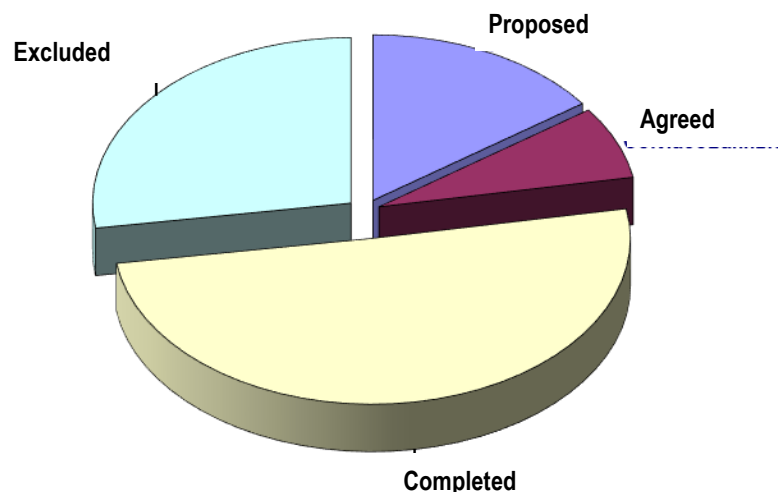
5 projects – for the field "Photometry and radiometry",

4 projects – for the field "Length and Angle",

3 projects – for each of the fields of "Electricity and magnetism" and "Acoustics, ultrasound, vibration".

2 projects – for each of the fields of "General Metrology", "Reference Materials" and "Ionizing radiation and radioactivity",

1 project – for of the field "Flow measurement".



Project status	Number
Proposed	105
Agreed	66
Completed	401
Excluded	219
Deferred	2
Total	793

Realization of CIPM MRA

Country	Total	AUV	EM	L	M	F	PR	QM	RI	T	TF
		330	1108	391	512	107	283	2367	1073	728	273
Azerbaijan	1				1						
Belarus	248	31	42	16	10		11	19	51	37	31
Bulgaria	226	30	58	19	24		7	5	23	44	16
Bosnia and Herzegovina	67		26		10			1		15	15
Germany	1531	52	164	97	151	43	85	531	266	117	25
Georgia	32		16		5				2	9	
Kazakhstan	69		5	6	17			7		9	25
China	1578	56	182	79	56	13	27	886	195	50	34
Cuba	113		17		12				76	8	
Lithuania	78		16	9	12	8				17	16
Moldova	43			1					2	40	
Russia	1752	72	326	23	64	6	115	638	329	143	36
Romania	233	8	39	20	30	2	17	27	37	44	9
Slovakia	378		41	18	37	10	11	87	76	82	16
Turkey	526	27	119	76	76	19	9	133	3	53	20
Uzbekistan	0										
Ukraine	275	30	57	27	11	3	6	33	15	63	30

Total: 7150 CMC (2490 - total number of CMC of NMI of Russia, Belarus, Ukraine, Kazakhstan, Georgia, Cuba, Azerbaijan)

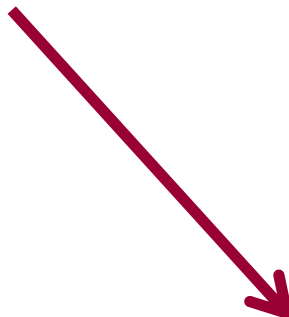
All COOMET comparisons are listed in **COOMET Document P2/2019 "COOMET Program of comparisons"** (approved as of 03.04.2019):


https://www.coomet.net/fileadmin/user_files/DOCUMENTS/COOMET_Publication/Programms/Programm_P2-EN_new.pdf

Besides, the interactive version of the Program can be found by this link

http://www.coomet.org/DB/com/index.htm?EN,PRJ_EN,EN/CMPR

125 projects on comparisons are in the COOMET Program at the time.



	COOMET Document	COOMET P2/2019
	COOMET PROGRAM OF COMPARISONS	
Approved at the 29 th COOMET Committee meeting (Dresden, Germany, 3 - 4 of April 2019)		as of 13.09.2019

[print version](#) 

125 projects. From 03.04.2019: **11** - proposed; **13** - agreed; **4** - completed; **1** - excluded;

AUV - Acoustics, Ultrasound and Vibrations.

5 projects. From 03.04.2019: **2** - proposed; **1** - agreed; **0** - completed; **0** - excluded;

EM - Electricity And Magnetism .

10 projects. From 03.04.2019: **1** - proposed; **1** - agreed; **2** - completed; **1** - excluded;

L - Length.

19 projects. From 03.04.2019: **0** - proposed; **0** - agreed; **0** - completed; **0** - excluded;

M - Mass And Related Quantities .

38 projects. From 03.04.2019: **2** - proposed; **6** - agreed; **1** - completed; **0** - excluded;

<i>NMI</i>	<i>Status QMS</i>	<i>Conformation of recognition</i>	<i>Date</i>	<i>Valid date</i>	<i>Metrological areas</i>
VNIIM (Russia)	recognized	QSF-R39	27.08.2015	27.08.2020	AUV, EM, L, RI, T, M, QM
VNIOFI (Russia)	recognized	QSF-R34	27.08.2015	27.08.2020	PR, QM
VNIIFTRI (Russia)	recognized	QSF-R36	27.08.2015	27.08.2020	AUV, EM, RI, T, M, QM, TF
VNIIMS (Russia)	recognized	QSF-R38	27.08.2015	27.08.2020	L, EM
BelGIM (Belarus)	recognized	QSF-R40	10.05.2016	10.05.2021	AUV, EM, RI, T, M, QM, TF, L, PR
NSC "Institute of Metrology" (Ukraine)	recognized	QSF-R44	10.05.2016	10.05.2021	EM, RI, T, M, TF, L, PR
SE "Ukrmetrteststandard" (Ukraine)	recognized	QSF-R42	10.05.2016	10.05.2021	AUV, EM, M, L, PR, QM
SNIIM (Russia)	recognized	QSF-R45	15.02.2017	15.02.2022	EM
SE "NDI Systema" (Ukraine)	recognized	QSF-R46	15.02.2017	15.02.2022	AUV
UNIIM (Russia)	recognized	QSF-R47	15.02.2017	15.02.2022	EM, T, L, QM, M
INIMET (Cuba)	recognized	QSF-R56	04.10.2018	04.10.2023	M, L, QM, T, TF
CENTIS (Cuba)	recognized	QSF-R55	04.10.2018	04.10.2023	RI
CPHR (Cuba)	recognized	QSF-R57	04.10.2018	04.10.2023	RI
SE "Ivano-Frankivskstandart-metrologia" (Ukraine)	recognized	QSF-R54	04.10.2018	04.10.2023	M
KazInMetr (Kazakhstan)	recognized	QSF-R50	15.02.2017	27.08.2020	EM, M, L, QM, T, TF
VNIIR (Russia)	recognized	QSF-R49	15.02.2017	15.02.2022	M
INM (Moldova)	recognized	QSF-R52	31.01.2018	31.01.2023	T, RI, EM, M, L, PR
GeoSTM (Georgia)	recognized	QSF-R58	04.10.2018	04.10.2023	EM, M, T, RI
AzMI (Azerbaijan)	recognized	QSF-R53	31.01.2018	31.01.2023	EM, M, T, IR

NMI	Status QMS	Conformation of recognition	Metrological areas	Valid date
VNIIM (Russia)	recognized	QSF-R33	Gases; Organic solutions; Inorganic solutions; Electrolytic conductivity	27.08.2020
VNIIOFI (Russia)	recognized	QSF-R35	Inorganic solutions; Metal and metal alloys; Biological fluids and materials	27.08.2020
BelGIM (Belarus)	recognized	QSF-R41	Gases; pH; Electrolytic conductivity	10.05.2021
Ukrmetrteststandart (Ukraine)	recognized	QSF-R43	Gases; pH; Electrolytic conductivity	10.05.2021
UNIIM (Russia)	recognized	QSF-R48	High purity chemicals; Organic solutions; Inorganic solutions; Advanced materials; Food; Surfaces, films and engineered nanomaterials	15.02.2022
KazInMetr (Kazakhstan)	recognized	QSF-R51	Gases; pH	15.02.2022

At the 29th COOMET Committee meeting (3-4 April 2019) COOMET Committee supported previously approved by the COOMET Presidential Council **Policy and Plan of the Technical Committee of the COOMET Quality Forum related to the transition to ISO 17034:2016 and ISO/IEC 17025:2017 for the evaluation of QMS of COOMET NMIs and DIs.**

At the 29th COOMET Committee meeting versions of COOMET Recommendations on the evaluation of NMI/DI QMS, updated within TC 3.1, were approved:

- Recommendation **COOMET R/AQ/9:2019** "Recommendations on the evaluation of the quality management systems of National metrology institutes/Designated institutes" (with Annexes);
- Recommendation **COOMET R/AQ/13:2019** "Rules and Procedure for the evaluation of the quality management systems of National metrology institutes/Designated institutes (with Annexes).

These Recommendations were posted on the COOMET information resources.

Knowledge Transfer (2018-2019)

1. Course "Train the trainer": transitioning to ISO/IEC 17025:2017 in the CIPM MRA

23–24 May 2018, BIPM, France

23 participants from 17 countries, representing **6 Regional Metrology Organizations (RMOs)** – AFRIMETS, APMP, COOMET, EURAMET, GULFMET and SIM, took part in the course.

Representatives of **Georgia, Russia and Ukraine** participated in the course **from COOMET**.



The aim of the “Train the trainer” course was to assist RMOs in the implementation of ISO/IEC 17025:2017 and its application to the CIPM MRA. The Program of Course included the following issues:

- Common understanding of the new edition of ISO/IEC 17025;
- Training the trainers, including development of materials that can be used at the RMO level for further knowledge transfer;
- Transparent RMO processes on QS.

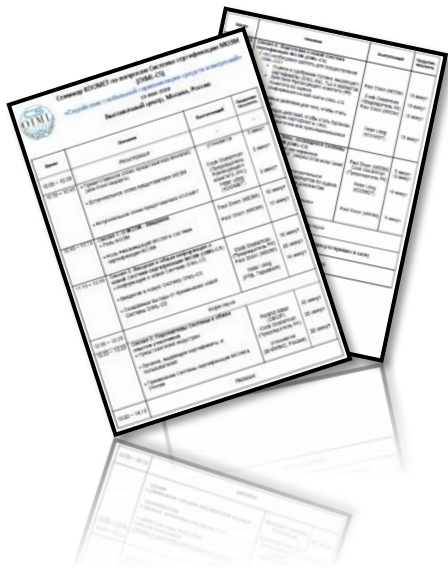


2.COOMET seminar on the OIML Certification System (OIML-CS) "Promoting Global Harmonization for Measuring Instruments"

Speakers:

Cock Oosterman (MC Chair)
Peter Ulbig (COOMET)
Roland Nater (CECIP)

15 May 2018, Moscow, Russia



The Program included the following issues:

- Introduction and general information on the OIML-CS;
- OIML Recommendations and their role in OIML -CS;
- Expected benefits of the new OIML-CS;
- Implementation and operation of the OIML-CS;
- Important topics concerning the OIML-CS.

Representatives from 14 COOMET member-countries (Azerbaijan, Armenia, Belarus, BOSNIA and Herzegovina, Germany, Kazakhstan, Kyrgyzstan, Moldova, Russia, Slovakia, Tajikistan, Turkey, the Ukraine and Uzbekistan) participated in the seminar.



3. International Conference OIML-COOMET "Worldwide uniform requirements on prepackages - Basis for fair trade and consumer protection"

16 May 2018, Moscow, Russia

The Program included the following issues:

- ❖ Introduction into the topic of the Conference and overview of regulation in COOMET countries;
- ❖ International harmonization in the area of prepackages and measuring instruments – The role of the OIML;
- ❖ Worldwide uniform requirements on prepackages: Important OIML recommendations and guides;
- ❖ Labelling and accuracy requirements for prepackages
- ❖ Misleading packaging practices, how they affect consumers and fair competition
- ❖ Example of countries



4. Workshop “Redefinition of the SI units”

4 September 2018, Varadero, Cuba

The workshop was attended by **18 specialists-metrologists from 13 COOMET member-countries** (Azerbaijan, Belarus, Bosnia and Herzegovina, Cuba, China, Germany, Georgia, Kazakhstan, Moldova, Russia, Slovakia, Ukraine and Uzbekistan), as well as lecturer of **Peter Blattner**, Head of photometry and radiometry laboratory of METAS, **Elected president of CIE**.

The goal of the workshop –
how redefinition of SI units
will influence fundamental
unit Cd and its impact on the
measurements techniques.



5. Training Workshop on Food Safety Measurement Standards and Technologies

21 October – 9 November 2018, Beijing, China

19 representatives from national metrological institutes or related government agencies from **12 countries** including Armenia, Belarus, Bosnia and Herzegovina, Lithuania, Russia, Singapore, South Africa, Tajikistan, Thailand, Ukraine, Uzbekistan, Vietnam were participated in the Workshop.

The contents of the workshop included the lectures on introduction of technical and administrative system both international and within China on chemical metrology and food safety measurement, introduction of general international guidelines and related laws and regulations in China, and the introduction on the development and common use of reference materials, as well as on food safety measurement and testing methods and demonstration experiments.



6. Workshop "Implementing the updated requirements of the new version ISO/IEC 17025 in the Quality Management System of NMIs/DIs"

05–07 February 2019, Braunschweig, Germany



The workshop was attended by **28 representatives** from **10 COOMET member-countries** (Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Germany, Kyrgyzstan, Moldova, Russia, Ukraine and Uzbekistan), as well as lecturers from PTB – Martin Czaske, Andreas Odin, Kai Stoll-Malke, Magda Kemper, Beate Kulesa.

In order to implement the above Policy and Plan of the Technical Committee of the COOMET Quality Forum (additionally to the COOMET Workshop "Implementing the updated requirements of the new version ISO/IEC 17025 in the Quality Management System of NMIs/DIs") the following events were held:

7.COOMET training Workshop for COOMET auditors

27-28 March 2019, Kishinev, Moldova

8.COOMET Workshop on the implementation of a new version of ISO 17034:2016

14 May 2019, Moscow, Russia

9. COOMET–BIPM Workshop "CIPM MRA review outcomes: comparisons and CMCs"

2 April 2019, Dresden, Germany



The workshop was attended by **50 specialists-metrologists** – Heads of COOMET Technical Committees and invited guests from **14 COOMET member-countries** (Armenia, Belarus, Bosnia and Herzegovina, China, Cuba, Germany, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Ukraine and Uzbekistan), as well as representatives of international and regional metrology organizations – **Andy Henson**, Head of International Liaison and Communication Department of BIPM; **Chingis Kuanbayev**, specialist of International Liaison and Communication Department of BIPM; **Ian Dunmill**, Assistant Director of the BIML; **Wolfgang Schmid**, EURAMET Member Service Manager.

The goal of the workshop – development of recommendations for coordinating the actions of the TCs Chairpersons when introducing new approaches aimed at improving the efficiency and effectiveness of the CIPM MRA processes.

The agenda of the workshop included 4 sections:

1. Representative CMCs (broad scope)
2. Reducing workload
3. Interpretation of comparisons
4. Sharing workload

10. Workshop "Small volumes "piston pipettes" and "multi dispensers"

23–25 July 2019, Wolfen, Germany



The workshop was attended by **11 specialists** in the field of mass and related quantities from **8 COOMET member countries** (Armenia, Belarus, Bosnia and Herzegovina, Georgia, Kyrgyzstan, Russia, Ukraine and Uzbekistan), as well as lectures from Germany and Portugal.

The agenda of the workshop included the following topics:

- Introduction into the theory of calibration of piston pipettes and hand dispensers according to DKD-R 8-1 and DKD-R 8-2;
- Introduction into the theory of calibration of volumetric glassware according to ISO 4787;
- Preparation of a supplementary key comparison in the area of volume calibration;
- Practical training in the volume calibration laboratory.

11. COOMET Seminar on the current issues of metrology, problems, state and development of measurements in the field of acoustics, ultrasound and vibration

29 August 2019, VNIIFTRI, Mendeleevo, Russia



TC 1.2 members and representatives of NMIs of the following countries took part in these events: Belarus (BelGIM), Lithuania (Vilnius Metrology Center), China (NIM, HAARI (Hangzhou Applied Acoustics Research Institute)), Russia (VNIIFTRI, VNIIM, VNIIMS), Uzbekistan (Uzbek National Institute of Metrology).



At the seminar reports were presented on the current trends of metrological control in the AUV field. The most interesting of them included reports on new methods for low frequency vibration calibration; feasibility discussion on airborne ultrasound microphone calibration using photon correlation in free-field conditions; new application of medical ultrasound (contact lithotripters, weak-focusing emitters) and problems of metrological support.

12. COOMET Seminar on current issues in the field of humidity measurements within TC 1.10 "Thermometry and Thermal Physics"

29 August 2019, Irkutsk, Russia



On 27-29 August 2019, the 16th meeting of COOMET TC 1.10 "Thermometry and Thermal Physics", as well as a seminar on current issues in the field of humidity measurements, took place at the East Siberian branch of the Federal State Unitary Enterprise VNIIFTRI (Irkutsk, Russia). Specialists of national metrological institutes of Slovakia, Belarus, Russia, Ukraine, Uzbekistan, Moldova, Kyrgyzstan, Kazakhstan and Germany took part in these events.

At the seminar the issues of metrological support for measuring relative humidity in the serial production of thermohygrometers were considered. The seminar presented reports on modern standard equipment in the field of humidity, on the metrological support of measuring instruments for the temperature of condensation of hydrocarbons.

VIII International Competition "The Best Young Metrologist of COOMET"

5-6 June 2019, Kazan, Russia



Over **twenty young specialists from the NMIs of COOMET member-countries** took part in the Competition.

COOMET expects that this event will contribute to the active participation of young scientists in addressing topical issues of ensuring the uniformity of measurements, developing the standard base, legal metrology and finally eliminating technical barriers in international trade through constructive cooperation of metrological services of Euro-Asian countries.

The **Scientific Committee** of the Competition included leading metrologists of **Belarus, France, Germany, Russia, Slovakia, Turkey and Ukraine** from international (**BIPM**) and regional (**COOMET, EURAMET**) metrology organizations.

The **Winner** became **Mikhail Tonkonog** (VNIIR, Russia).

The **2nd place** – **Artem Sosnovsky** (BelGIM, Belarus).

The **3rd place** – **Ekaterina Guskova** (VNIIMS, Russia).

The **Best Reports in English** – **Tatyana Groppa, Alexey Ivanov** (VNIIOFI, Russia).



Protocol of Cooperation and Interaction in the Field of Metrology between COOMET and EASC

EASC - Interstate Council for Standardization, Metrology and Certification of the Commonwealth of Independent States

An updated Protocol of Cooperation and Interaction in the field of Metrology between COOMET and EASC was signed at the 55th meeting of the Interstate Council for Standardization, Metrology and Certification, held in Pyatigorsk (Russian Federation) on **28 June 2019**.

The Protocol was signed by **COOMET President Mr. Valery Hurevich** and **EASC Chairman Mr. Alexey Abramov**.

Signing of the Protocol was aimed at ensuring practical interaction and enhancing cooperation on metrology issues between COOMET and EASC.



PROTOCOL OF COOPERATION AND INTERACTION IN THE FIELD OF METROLOGY BETWEEN COOMET AND EASC

Euro-Asian Cooperation of National Metrological Institutions (COOMET) and Interstate Council for Standardization, Metrology and Certification of the Commonwealth of Independent States (EASC) (hereinafter referred to as Parties) recognizing similarity of goals, objectives and cooperation issues in the field of metrology, the need of enhancing cooperation in the field of metrology, deem it appropriate to improve the level of coordination when addressing challenges of mutual interest, and for that purpose:

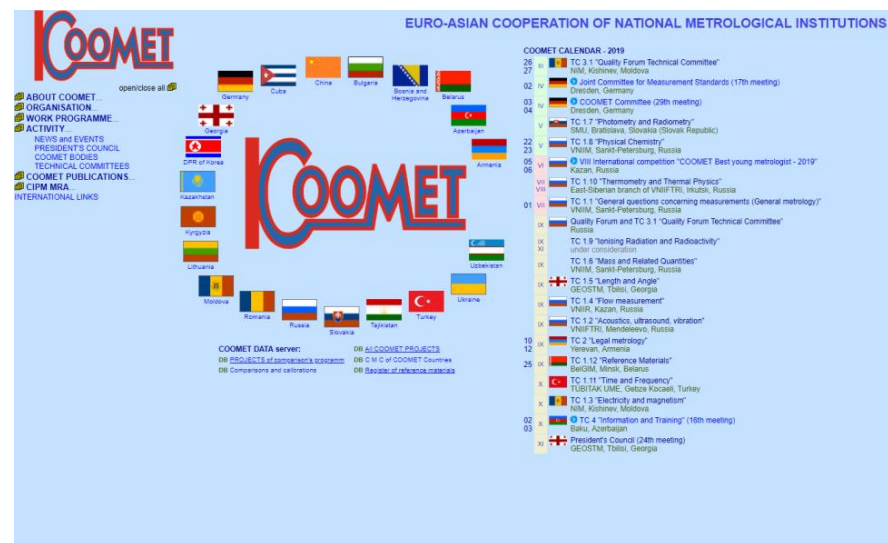
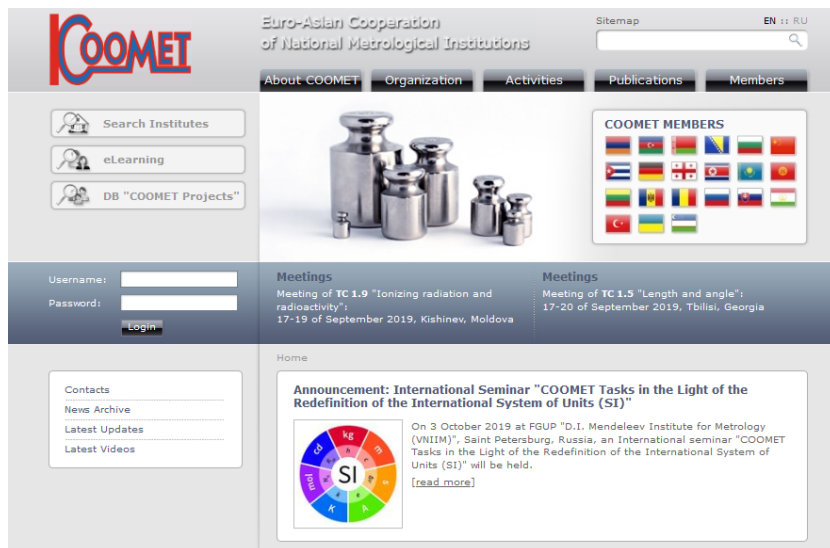
NEXT COOMET EVENTS

- **24th meeting of COOMET Presidential Council and 4th meeting of the Working Group for Preparation of the COOMET Development Strategy: 26–28 November 2019, GEOSTM, Tbilisi, Georgia;**
- **COOMET workshop "Redefinition of the International System of Units (SI)" with the participation of COOMET TC Chairs and representatives of COOMET NMIs: 3 October 2019, VNIIM, Saint Petersburg, Russia;**
- **30th COOMET Committee meeting: April, 2020, Kazakhstan;**
- **18th meeting of the Joint Committee for Measurement Standards: April 2020, Kazakhstan.**

Thank you for your attention!

The COOMET web-portal (www.coomet.net) is maintained by COOMET Secretariat and on-line editors of the pages of COOMET TCs.

The COOMET website (www.coomet.org) is maintained by Administrator (A.Ivanov, VNIIFTRI, Russia).



COOMET Web-resources

COOMET Data Bases are available at COOMET website (www.coomet.org).