

ANNUAL REPORT

of Joint Committee for Measurement Standards about work in 2017 г.

1. MEETINGS OF THE TC 1.1 -1.12

TC	Meeting data	Place
TC 1.1	13.06.2017	St.Petersburg, Russia
TC 1.2	5-6.09.2017	Vilnius, Lithuania
TC 1.3	03-04.10.2017	Minsk, Belarus
TC 1.4		
TC 1.5	May, 2017	Sarajevo, Bosnia and Herzegovina
TC 1.6		
TC 1.7	15-16.08.2017	St.Petersburg, Russia
TC 1.8	22-23.05.2017	St.Petersburg, Russia
TC 1.9	3-5.05.2017	Gavana, Kuba
TC 1.10		
TC 1.11	22-23.05.2017	Mendeleevo, Russia
TC 1.12”	12-13.09.2017	Kazan, Russia

2. COOMET PROJECTS COMPLETED IN 2017

Project	Name
535/UA/11	Comparison of the standards of the unit of power ultrasound in the water in the frequency range from 2 to 15 MHz
609/UA/13	Comparison of national standards of the sound pressure unit in air through calibration of the pressure-inch and half-inch microphones
308/UA/04	Key Comparison of the National Measurement Standards of the vibration parameters units (in regard to the vibration acceleration) in the frequency range from 20 Hz to 5 kHz
626/BY/13	Comparison of national standards for sound pressure in air
675/BY/15	Development of a recommendation regarding contribution of measurement uncertainty in making decision on rejection in course of conformity assessment
568/UA/12	Comparisons of reference measuring instruments of surface parameters

Project	Name
569/UA/12	Comparison of length standards in the range of 0.001 to 1 mm
529/RU/11	Comparison of interferometers for measurement of tapes up to 20 m
570/UA/12	Comparisons of standards of flatness
524/UA/11	Intercomparison of the national standards unit of the plane angle
676/MD/15	Calibration of gauge blocks by comparison
673/UA/15	Comparison of initial measuring instruments of the parameters of involute gears
636/UA/14	Comparisons of luminous flux national standards
613/RU-a/13	Pilot comparisons in the field of measurements of specific adsorption, specific surface area, specific volume and pore diameter in solid nanoporous substances
692/RU/16	Pilot comparisons in the field of measuring of the moisture content in wood
698/RU/16	Work on the recognition of CRM for composition of potassium biphthalate of the 1st order, included in Appendix C CIPM MRA as COOMET CRM.
699/RU/16	Work on the recognition of CRM for composition of potassium bichromate of the 1st order, included in Appendix C CIPM MRA as COOMET CRM.
648/RU/14	Development of CRM of mass fraction of metals in slag of copper smelting production (SHM)

3. INTERREGIONAL REVIEW OF CMC IN 2017

TC	CMC
TC 1.2	SIM.AUV.3.2016 (Published in the BIPM KCDB on 2017-07-24); APMP.AUV.13.2016 (Published in the BIPM KCDB on 2017-06-13); EURAMET.AUV.17.2017 (Published in the BIPM KCDB on 2018-02-08); AFRIMETS.AUV.5.2017 (under consideration) EURAMET.AUV.18.2018 (under consideration)
TC 1.3	AFRIMETS.EM.3.2017 май-июль 2017
TC 1.6	EURAMET.M.56.2018 APMP.M.44.2017
TC 1.7	re-review EURAMET.PR.12.2016
TC 1.8	AFRIMETS.QM.16.2017

TC	CMC
	APMP.QM.28.2017 APMP.QM.29.2017 EURAMET.QM.30.2017 EURAMET.QM.31.2017 EURAMET.QM.32.2017 SIM.QM.22.2017 SIM.QM.23.2017
TC 1.9	EURAMET.RI.29.2017
TC 1.10	APMP.T.13.2017 APMP.T.12.2017

4. PUBLISHED CMC

CMC	Last update
COOMET.AUV.9.2017	2017-12-11
COOMET.M.28.2017	2017-10-30
COOMET.M.26.2015	2017-10-30
COOMET.L.14.2017	2017-10-29
COOMET.PR.11.2017	2017-09-18
COOMET.AUV.8.2017	2017-08-30
COOMET.QM.27.2017	2017-06-30
COOMET.T.12.2017	2017-06-08
COOMET.M.14.2013	2017-06-02
COOMET.M.27.2017	2017-05-31
COOMET.EM.12.2017	2017-05-29

5. INTERACTION WITH INTERNATIONAL ORGANIZATIONS

TC	Meeting
TC 1.1	EURAMET TC-IM IMEKO TC 7, TC 21 ISO TC 69 PC 6
TC 1.2	CCAUV: CMC - CCAUV RMO WG CCAUV SPWG TC87 IEC « Ultrasound TÜBİTAK – MAM (October 2017)
TC 1.6	meetings of the CCM Working Groups on Mass, hardness, pressure

TC	Meeting		
TC 1.7	Time spending	Name of event	Location
	June 2017	Meeting of the Working Group on Key Comparisons of the CCFR	Tokyo, Japan
	June 2017	Meeting of the Working Group on SMS CCFR	Tokyo, Japan
	June 2017	Meeting of the Working Group on Strategic Planning of the CCFR	Tokyo, Japan
	June 2017	13th International Conference on New Developments and Applications in Optical Radiometry(NEWRAD 2017)»	Tokyo, Japan
	August 2017	Seminar "Estimation of uncertainties in international comparisons"	St. Petersburg, Russia
	August 2017	15th Meeting of TC1.7	St. Petersburg, Russia
TC 1.8	CCQM Representatives of TC 1.8 participate in the activities of CCQM almost from the moment of its foundation and are part of the working groups KCWG, QAWG, GAWG, IAWG, BAWG , EAWG, CAWG , NAWG , PAWG, SAWG APMP EURAMET , SIM participation in projects on international comparisons ISO TK ISO TC 146 (Air quality), TC 158 (Gas analysis), TC 190 (Soil quality), TC 193 (Natural gas).		
TC 1.10	iMERA (EBPAMET) WG1, WG 3, WG5, WG6, WG8, WG9 TK 1.11 ISO / REMCO, TK3 / PK3 OIML, IGU (NTKMetr), COMAR, etc.		
TC 1.12	ISO / REMCO, TK3 / PK3 OIML, IGU (NTKMetr), COMAR, etc.		

6. PARTICIPATION IN INTERNATIONAL CONFERENCES, WORKSHOPS...

- XI conference “Advanced mathematical and metrology and testing”, August 29-31, 2017 Glasgow, Scotland
- International Scientific and Practical Conference “175 years of VNIIM them. D.I. Mendeleev and the National System for Ensuring the Uniformity of Measurements ”, June 14-15, 2017 St. Petersburg, Russia

Chairman of JCMS

Chunovkina A.G.