

## **INFORMATION ON COOMET ACTIVITIES in 2016 – 2017 for 11<sup>th</sup> EURAMET GA**

### **GENERAL INFORMATION**

The COOMET activities were performed in all main fields of cooperation:

- MEASUREMENT STANDARDS OF PHYSICAL UNITS
- LEGAL METROLOGY
- QUALITY MANAGEMENT SYSTEMS
- INFORMATION AND TRAINING
- JOINT RESEARCH IN METROLOGY.

### **COOMET MEMBERS**

Now 21 countries cooperate within COOMET: Azerbaijan, Armenia, Belarus, Bosnia and Herzegovina, Bulgaria, China, Germany, Georgia, Kazakhstan, DPR of Korea, Kyrgyzstan, Cuba, Lithuania, Moldova, Russia, Romania, Slovakia, Tajikistan, Turkey, Uzbekistan and Ukraine.

### **COOMET EVENTS**

#### **Meetings of the Structural Bodies of COOMET**

The following meetings were held in 2016–2017:

- 27<sup>th</sup> meeting of **COOMET Committee** (27–28 April 2017, Minsk, Belarus);
- 21<sup>st</sup> meeting of **COOMET President’s Council** (8–9 November 2016, Astana, Kazakhstan);
- 15<sup>th</sup> meeting of **the Joint Committee for Measurement Standards** (26 April 2017, Minsk, Belarus).

Meetings of the **Technical Committees** of COOMET in 2016–2017:

- **TC 1.1** “General metrology” meeting (12 April 2016, Minsk, Belarus);
- **TC 1.2** “Acoustics, Ultrasound, Vibration” meeting (20–21 September 2016, Minsk, Belarus);
- **TC 1.3** “Electricity and Magnetism” meeting (27–28 September 2016, Tbilisi, Georgia);
- **TC 1.4** “Flow Measurement” meeting (9 September 2016, Kazan, Russia);
- **TC 1.5** “Length and Angle” meeting (14–15 September 2016, Vilnius, Lithuania);
- **TC 1.6** “Mass and related quantities” meeting (19–20 October 2016, Chisinau, Moldova);
- **TC 1.7** “Photometry and Radiometry” meeting (26 May 2016, Chisinau, Moldova);
- **TC 1.8** “Physical Chemistry” meeting (28 May 2016, Saint-Petersburg, Russia);
- **TC 1.9** “Ionizing radiation and radioactivity” meeting (2–4 May 2017, Havana, Cuba);
- **TC 1.10** “Thermometry and Thermal Physics” meeting (7–8 September 2016, Bishkek, Kyrgyzstan);
- **TC 1.12** “Reference Materials” meeting (13–14 September 2016, Yekaterinburg, Russia);
- **TC 2** “Legal Metrology” meeting (27–29 September 2016, Tashkent, Uzbekistan);
- **TC 3.1** “Technical committee of Quality Forum” meetings (10 May 2016, Tbilisi, Georgia; 14 February 2017, Sarajevo, Bosnia and Herzegovina);
- **Quality Forum** meetings (10–11 May 2016, Tbilisi, Georgia; 15–16 February 2017, Sarajevo, Bosnia and Herzegovina);
- **TC 4** “Information and Training” meeting (18–19 May 2016, Braunschweig, Germany).

In 2016–2017 COOMET representatives participated in the meetings of the following metrology organizations promoting COOMET activities:

- 36<sup>th</sup> and 37<sup>th</sup> meetings of JCRB (14–15 September 2016, Nairobi, Kenya; 15–16 March 2017, Paris, France);

- 51<sup>st</sup> meeting of CIML and meeting of the Round table of the Regional Metrological Organizations for Legal metrology (17–21 October 2016, Strasbourg, France);
- 10<sup>th</sup> General Assembly of EURAMET (24–25 May 2016, Oslo, Norway).

### **27<sup>th</sup> COOMET Committee Meeting**

On 26–28 April 2016, according to the schedule of meetings of COOMET structural bodies, the 27<sup>th</sup> meeting of COOMET Committee and the 15<sup>th</sup> meeting of COOMET Joint Committee for Measurement Standards were held. The meetings took place in Minsk, Belarus.

The objectives of the activities were to discuss issues on COOMET development, implementation of the “Arrangement on Mutual Recognition of National Measurement Standards and Calibration and Measurement Certificates Issued by National Metrology Institutes” (CIPM MRA), performance results in “Legal Metrology”, “Information and Training”, “Quality Management” and cooperation with the International Bureau of Weights and Measures (BIPM) and the International Bureau of Legal Metrology (BIML).

COOMET Committee members and their official representatives, Chairpersons of COOMET Technical Committees and representatives of COOMET National Secretariats from 17 COOMET member-countries (Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, China, Cuba, Georgia, Germany, Kazakhstan, Kyrgyzstan, Lithuania, Moldova, Russia, Slovakia, Tajikistan, Uzbekistan and Ukraine), representatives of international metrological organizations: Ch. Kuanbaev, International liaison & Communication Department of BIPM, and Ya. Danmil, Deputy Director of the BIM took part in the 27<sup>th</sup> COOMET Committee meeting.

19 agenda issues were considered at the meeting, including:

- main results of COOMET activities in 2017;
- set of issues related to the implementation of CIPM MRA;
- results of the 36<sup>th</sup> and 37<sup>th</sup> meeting of JCRB and the 51<sup>st</sup> meeting of the International Committee of Legal Metrology (CIML) and COOMET tasks arising from its decisions;
- COOMET Quality Forum activities;
- COOMET activity in Legal Metrology;
- COOMET activity in Information and Training;
- establishment of COOMET structural bodies and appointment of Chairpersons of Technical Committees and Subcommittees;
- election of COOMET President.

The regular election of COOMET President was held during the 27<sup>th</sup> COOMET Committee meeting. Valery Hurevich, Director of BelGIM, Belarus, was elected as a new COOMET President by the results of the secret voting. According to the COOMET Rules of Procedure, the new President will assume his duties on the 28<sup>th</sup> meeting of COOMET Committee in a year.

### **Conferences and workshops under the aegis of COOMET**

- Workshop for young metrologists “Evaluations of accuracy and measurement uncertainty” (12–13 April 2016, Minsk, Belarus);
- Seminar “Preparation and CMC review in the field of Photo- and Radiometry” (25 May 2016, Chisinau, Moldova);
- Seminar “Status quo of Legal Metrology in COOMET Member Countries” (27–28 September 2016, Tashkent, Uzbekistan).

## **INFORMATION ON COOMET ACTIVITIES**

### **Implementation of COOMET projects**

The general amount of projects registered by COOMET Secretariat since 1991 is **717 projects** as of 31 March 2017.

**28 new projects** were proposed during this period: **6** – for “Reference Materials”, **4** – for “Mass and Related Quantities”, “Physical chemistry” and “Electricity and Magnetism”, **3** – “Legal metrology” and “Length and Angle”, **1** – for “General questions concerning measurements (General metrology)”, “Acoustics, ultrasound, vibration”, “Thermometry and Thermal Physics”, “Information and training”.

**21** of the new projects are related with regional comparisons of measurement standards of physical units, **5** projects are aimed at the development of COOMET Recommendations and Documents, **1** – for organization and holding of meetings of the Structural Bodies as well as events within COOMET, **1** – to carry out training of metrologists.

During the reporting period **11** projects were agreed, **15** – completed, **6** – excluded.

In general, COOMET Program of Comparisons for 2017 includes **136** projects.

### **VII International Competition of COOMET “The Best Young Metrologists 2017”**

VII International Competition of COOMET “The Best Young Metrologist” will be held 17–18 May 2017 in Astana, Kazakhstan, with the participation of the young metrologists from other RMOs. The language of Competition will be English

The terms and conditions of the Competition holding, and also the requirements to participants and drawing up of the documents and papers in the Recommendation COOMET R/GM/18:2013 “Procedure for the International Competition of COOMET “The Best Young Metrologist” are available at the via link: <http://www.coomet.net/activities/international-competition-the-best-young-metrologist-of-coomet/competition-2017/>.

The Scientific Committee of the Competition includes leading metrologists of Belarus, France, Germany, Kazakhstan, Russia, South Africa, Ukraine and USA from international (BIPM, BIML) and regional (AFRIMETS, COOMET, EURAMET, SIM) metrology organizations.

There are presented 36 papers of 10 countries from 3 PMO’s – COOMET, EURAMET and SIM.

### **COOMET WEB RESOURCES**

The COOMET web-portal ([www.coomet.net](http://www.coomet.net)) is maintained by the respective COOMET Secretariat and national on-line editors for the pages of COOMET member countries and Technical Committees of COOMET.

COOMET Data Bases are available at COOMET website ([www.coomet.org](http://www.coomet.org)).

### **NEXT COOMET MEETINGS AND EVENTS**

The 22<sup>nd</sup> meeting of COOMET President’s Council will be held on 29 November – 1 December 2017 in Braunschweig, Germany.

The 28<sup>th</sup> COOMET Committee meeting will be held in Sarajevo, Bosnia and Herzegovina, in April 2018.