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Seminar on
Progress of Key, Supplementary and Pilot Comparisons in Mass and Management of Comparisons and CMC Review Processes in COOMET TC 1.6

Program

2 September 2014

Time	Action	Responsible
9^{00} – 9^{15}	Opening of the seminar. Self-introducing of the participants	
9^{15} – 9^{45}	1. The Metre Convention and the CIPM-MRA. Mechanisms and outcomes of the CIPM-MRA	Pavel Neyezhmakov, COOMET Vicepresident, NSC IM, Kharkov
9^{45} – 10^{15}	2. General requirements for the competence of testing and calibration laboratories according to ISO 17025	Ilona Milkamanavichiene, VMC, Vilnus
10^{15} – 10^{25}	Coffee-break	
10^{25} – 10^{55}	3. Reference value of comparison. Methods of calculation reference value and criteria of choosing the method. Organization of ongoing comparisons.	Anna G. Chunovkina, chairperson of TC 1, VNIIM, St. Peterburg
10^{55} – 11^{45}	4. Discussion of comparisons	Moderator: Irina Kolozinska, Anna Chunovkina, Chingis Kuanbayev
	4.1 Presentation of results of the pilot comparison 528/KZ/11. Discussion of results. (measurement results, protocols, observed problems in measurement methods, etc.)	Rustem Mukhametkaliyev, KazInMetr, Astana Martin Firlus, PTB, Braunschweig Chingis Kuanbayev, BIPM, Paris All participants
	4.2 Discussing of progress in the key comparison 548/UA/11 (COOMET.M.M-K8)	Irina Kolozinska
	4.3 Discussing of results of bilateral supplementary comparison 581/GE-a/12 (COOMET.M.M-S1)	Irma Rurua, GeoSTM, Tbilisi
11^{45} – 12^{00}	Photo session	
12^{00} – 13^{00}	Lunch	
13^{00} – 13^{25}	4.4 "Practice of Comparisons"	Wladimir Sabuga, PTB, Braunschweig
13^{25} – 14^{15}	4.5 Definition of the problems, obstacles, difficulties, mistakes, etc., possibly in the form of a SWOT analysis (realization and management of the comparison)	Moderator: Karl-Christian Göthner, consultant for PTB Q.5 All participants
14^{15} – 14^{30}	Coffee-break	
14^{30} – 15^{00}	5. Practical steps for CMC entries in KCDB of BIPM	Chingis Kuanbayev, Executive Secretary of the JCRB
15^{00} – 15^{30}	6. CMC review process in TC 1.6 Analyze of COOMET CMC in the field of mass and related quantities presented in KCDB	Irina Kolozinska
15^{30} – 16^{00}	Conclusions and recommendations for future comparisons	All participants

19th Meeting of COOMET TC 1.6 "Mass and related quantities"
3 – 4 of September 2014, PTB Braunschweig
Program

3 September 2014

Time	Action
9:00 – 9:15	Registration of the participants
9:15 –10:30	Opening of 19th Meeting – I. Kolozinska, NSC "IM", Ukraine
	Welcome of participants - Dr. Sommer, representative of PTB
	Introduction of the members of TC 1.6 and guests
	Adoption of the agenda
	Short reports from country representatives about the state of metrological assurance and actual problems in the measurement of mass, force, hardness and pressure in their institutes / countries
10:30–10:45	Coffee-break
10:45–12:00	Short reports (continued)
	Report of the chairperson of TC 1.6 on the current state of affairs
	Reports of SC chairpersons and coordinators of permanent activities, including report of the current state art in the field of torque measurements (Leonov)
12:00 – 13:00	Lunch
13:00–14:00	Information about the 24th COOMET Committee Meeting and 12th Meeting of the Joint Committee for Measurement Standards and on other events
	"The creation force measuring device 15 MN and works using the method of parallel loading group dynamometers", G. Leonov, Ukraine
14:00–17:00 +	Laboratory tour (mass and related quantities)
19:00	Dinner

4 September 2014

Time	Action
9:00–10:30	Reports of TC members, discussion of the progress in current COOMET projects: **638/UA/14** The comparison of the national hardness standards of Super-Rockwell scales **621/RU/13** Supplementary comparisons of national standards of torque **614/KG/13** Development of methodological recommendations on the theoretical foundations of uncertainty calculation of the mass, conventional mass and their uncertainties in calibration/verification of weights **586/RU/12** Pilot comparison in the field of measurements of liquids kinematical viscosity **578/RU/12** Pilot comparison in the field of measurements of liquids density **341/RU/05** Key comparison of Brinell and Vickers hardness scales **589/UA-a/12** Supplementary comparison of national measurement standards of negative pressure in the range from 1 MPa to 10 MPa **560/UA-a/12** The comparison of the national hardness standards of Rockwell and Super-Rockwell scales **545/UA/11** Comparisons of complex of static volume measuring devices **580/RU-a/12** Supplementary bilateral comparisons of COOMET in the field of measurements of liquids density **555/AZ-a/12** Supplementary comparisons of COOMET in the field of measurements of liquids density **588/RU-a/12** Supplementary comparisons of COOMET in the field of measurements of liquids kinematical viscosity **587/RU-a/12** Supplementary comparisons of COOMET in the field of measurements of liquids kinematical viscosity
10:30–10:45	Coffee-break
10:45–12:00	Reports of TC members about progress in current COOMET projects (continued) Discussion of • technical reports and schedules of comparisons • new COOMET projects • place and time of the next COOMET TC 1.6 meeting Drafting of the Protocol and the Resolution of the Meeting. Closing of the 19th Meeting
	Departure of participants according to flight schedules