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**Plan of COOMET training activities for 2023-2024**

(as of 28 August 2023)

| **№** | **Proposed subject of the training activity** | **Country / Initiating TC** | **Interested**  **countries / TCs** | **Possible venue / format** | **Lecturers** | **Timeframe** |
| --- | --- | --- | --- | --- | --- | --- |
|  | The practice of implementation of the CIPM MRA documents regulating the activities of NMIs on the procedure for СМС preparation and calculation of the uncertainty budget (for ТC 1.10) | TC 1.10 | COOMET member countries, preparing CMCs for publication | ONLINE | N.Zviagin,  TC 1.10 representatives | 4 of October 2023  (within TC 1.10 meeting) |
|  | Uncertainty evaluation in calibration | TC 1.1 | Specialists from interested COOMET member countries | Combined format (VNIIM, Saint Petersburg, Russia, & ONLINE | A.Chunovkina, N.Burmistrova, A.Tumilovich  VNIIM, Russia  А.Doynikov, VNIIFTRI, Russia  N.Efremova, BelGIM, Belarus | 25 of October 2023 |
|  | Issues of the metrological ensuring of measurements using smart meters | TC 2 | Specialists from interested COOMET member countries | Combined format (UzNIM, Tashkent, Uzbekistan & ONLINE | being specified | 1 of November 2023 (within TC 2 meeting) |
|  | The practice of implementation of the CIPM MRA documents regulating the activities of NMIs on the procedure for СМС preparation and calculation of the uncertainty budget (for ТC 1.7 and ТC 1.4) | JCMS, TC 1.7 | COOMET member-countries, preparing CMCs for publication | Combined format or ONLINE | N.Zviagin,  TC 1.7 representatives | 16 November 2023  (within TC 1.7 meeting) |
|  | Seminar on dosimetry | TC 1.9 | Specialists from interested COOMET member countries | ONLINE | being specified | 13 December 2023  (within TC 1.9 meeting) |
|  | OIML Certification System | TC 2 | Specialists from interested COOMET member countries | ONLINE | being specified | 2nd half of 2023 |
|  | COOMET seminar/webinar for COOMET auditors and TEs on peer review of QMS of COOMET NMIs/DIs | TC 3.1 | Specialists from interested COOMET member countries | being specified | being specified | 2023 |
|  | The procedure for verification and calibration of medical measuring instruments | Tajikistan,  TC 1.2 | AZ, BY, KZ, TJ | ONLINE | being specified | April 2024 |
|  | Digital thermohygrometers and electronic medical thermometers calibration (online course) | China  TC 1.10 | Specialists from interested COOMET member countries | ONLINE | NIM (China) representatives | 2024 |
|  | Digital Transformation in Metrology | COOMET Committee TG-DigTr | Specialists from interested COOMET member countries | being specified | being specified | 2024 |
|  | Metrological support for gas analyzers | Belarus  ТC 1.8 | AZ, KZ | *Provided that it is organized offline* | being specified | 2024 |
|  | COOMET seminar “Current state of the kilogram redefinition and progress in starting its implementation | TC 1.6 | Specialists from interested COOMET member countries | being specified | being specified | 2024-2025  (within TC 1.6 meeting) |
|  | Digitalization during registration of measurement results (database, calibration certificate, verification certificate, electronic seals, measurement protocols) | Kyrgyzstan  (from CEEMS questionnaires | Specialists from interested COOMET member countries | ? | ? | ? |
|  | Joint COOMET-APLMF-WELMEC seminar on sharing the experience in market surveillance | TC2 | Specialists from interested countries | being specified | being specified | ? |
|  | New methods for low frequency vibration calibration | China,  TC 1.2 | AZ, BY, CN, KZ, RU, TJ, UZ | *Provided that it is organized offline* | D-r Cai Chengguang,  NIM, China | Postponed.  The timeframe is being specified |
|  | Optical method for microphone calibration | China,  TC 1.2 | AZ, BY, CN, KZ | *Provided that it is organized offline* | D-r He Longbiao  NIM, China | Postponed.  The timeframe is being specified |

**PERFORMED ACTIVITIES (2023)**

| **№** | **Proposed subject of the training activity** | **Country / Organizing TC** | **Participants** | **Venue/format** | **Lecturers** | **Timeframe** |
| --- | --- | --- | --- | --- | --- | --- |
| 1. | National time scales, calibration of comparison instruments | ТК 1.11 | AM, AZ, BY, KG, KZ, MD, RU, UZ | ONLINE | I. Norets,  A.Karaush  VNIIFTRI (Russia) | 19 of January 2023  (within TC 1.11 meeting) |
| 2. | Training in the general principles of work with KCDB 2.0 (for technical experts on CMC review and candidates for TEs) | JCMS | AM, AZ, BY, GE, KG, KZ, MD, RU, TJ, UZ  (over 50 people) | ONLINE | being specified | 12 of April 2023 |
| 3. | Implementation of a new definition of the temperature unit – Kelvin | TC 1.10 | AM, BY, KZ, RU, TJ, UZ | ONLINE | VNIIM & VNIIFTRI  representatives | 27 of April 2023 |
| 4. | Calibration of infrared medical thermometers (online course) | China  TC 1.10 | AZ, BY, CU, KG, KZ, TJ, ZU, AL | ONLINE | B.Chengyu, X. Lu (NIM, China) | 1-2 of June 2023 |
| 5. | Calibration of gauge blocks, calipers, micrometers and dial indicators (online course) | China  TC 1.5 | AM, BY, KG, KZ, TJ, UZ | ONLINE | X.Zhang, M. Luo,  Y.Huang (NIM, China) | 19-29 of June 2023 |
| 6. | Special aspects of metrological support of bioanalytical measurements | ТC 1.8 | AM, BY, CN, KZ, RU, UZ | Combined format (VNIIM, Saint Petersburg, Russia, & ONLINE | M.Vonskiy,  A.Runov  (VNIIM, Russia) | 30 of June 2023  (within TC 1.8 meeting) |