Draft Agenda for the 25th meeting of CCQM – 9-12 April 2019

Venue: Pavillon du Mail, BIPM, Sèvres, France.

Day 0: Tuesday 9 April 2019
Poster Session and Reception

17.00-19.30 Poster Session and Reception (32 posters)

Day 1: Wednesday 10 April 2019
CCQM Workshop on Advances in Metrology in Chemistry and Biology
Chair: Willie E. May

09.00-09.10 Opening Remarks [Willie E. May]
09.10-09.40 The History and achievements of CCQM [Robert Kaarls]
09.40-10.00 SI-traceable monoelemental solutions on the highest level of accuracy: from the foundation of CCQM to recent advances [Anita Röthke, PTB]
10.20-10.40 Determination of Absolute Isotope Amount Ratios of Lead Using a Primary Method of Full Gravimetric Isotope Mixture Mass Bias Correction Model by MC-ICPMS [Lu Yang, NRC]

10.40-11.20 Best Poster Award Presentation and Coffee Break

11.20-11.40 Potential Reference measurement procedures for Ferritin in human samples [Claudia Swart, PTB]
11.40-12.00 Novel approaches for absolute determination of protein amount and active concentration by LC-CD and SPR [Liqing Wu, NIM]
12.00-12.20 Digital PCR for quantification of ganciclovir resistant human cytomegalovirus [Mojca Milavec, NIB]
12.20-12.40 Quantification of genes by sequence-specific counting in a capillary flowcytometry [Inchul Yang, KRISS]

12.40-14.00 Lunch

14.00-14.20 Proliferative stem cell number per unit area (CCQM-197) [Nilofar Faruqui, NPL]
14.20-14.40 Absolute Thickness Measurement of nm Oxide Films by XPS and Length Unit Traceable Method [Kyung Joong Kim, KRISS]
14.40-15.00 Measurements of pH in strongly acidic media [Narine Oganyan, VNIIFTRI]
15.00-15.20 Recommendation of a consensus value of the ozone absorption cross-section at 253.65 nm based on literature review [Joseph T. Hodges, NIST]

15.20-16.00 Coffee Break
16.00-16.20 An FTIR method for accurate CO2 concentration measurements with correction for differences in isotopic composition (δ13C and δ18O) of gases [Edgar Flores, BIPM]
16.20-16.40 Gas metrology of the carbon isotopologues of carbon dioxide using accurate laser spectroscopy: Towards artifact-free absolute isotope amount ratios with traceability to the new SI [Adam J. Fleisher, NIST]
16.40-17.00 δ13C assigned steroid hormone CRMs for anti-doping analysis [Mark Lewin, NMIA]
17.00-17.20 Development of nuclear magnetic resonance as a tool of quantitative analysis for organic materials [Takeshi Saito or Masahiko Numata, NMIJ/AIST]
17.20-17.40 Closing remarks

Day 2: Thursday 11 April 2019
CCQM Plenary Session
Chair: Willie E. May

09.00-09.30 1. Opening of the meeting, welcome and introductions
2. Appointment of a Rapporteur
3. Approval of the Agenda
09.30-09.50 4. Opening remarks of the CCQM Presidents and actions from the 24th meeting of the CCQM
09.50-10.30 5. The Impact of CCQM activities (H. Semerjian and Hun Young So)

10.30-11.00 Coffee Break

6. Reports from the CCQM Working groups
11.00-11.30 6.1 Organic Analysis
11.30-12.00 6.2 Inorganic Analysis
12.00-12.30 6.3 Gas Analysis
12.30-13.00 6.4 Isotope Ratio

13.00-14.00 Lunch
14.00-14.30 6.5 Protein Analysis
14.30-15.00 6.6 Cell Analysis
15.00-15.30 6.7 Nucleic Acid Analysis

15.30-16.00 Coffee Break
16.00-16.30 6.8 Surface Analysis
16.30-17.00 6.9 Electrochemical Analysis and Classical Methods
17.00-17.30 6.10 Key Comparison and CMC Quality
17.30-18.00 6.11 ad hoc WG on the mole

18.00-19.00 Reception at BIPM
19.00 Leave for CCQM Dinner
Day 3: Friday 12 April 2019

CCQM Plenary Session
Chair: Willie E. May

09.00-09.30 7. Report from CCQM Task Group on Method-Defined Measurands
09.30-10.00 8. BIPM Programme on Metrology in Chemistry
10.00-10.30 9. Comments on written reports from RMOs

10.30-11.00 Coffee Break

11.00-11.30 Comments on written reports from RMOs (continued)
11.30-11.50 10. Report from the JCTLM
11.50-12.00 11. CC Governance and Operational Issues
              11.1 CCQM Member Applications
              11.2 Open access CCQM and WG documents

12.00-12.30 12. Update on the BIPM KCDB 2.0

12.30-13.00 13. Comments on written reports from International Organizations in liaison with the CCQM
              13.1. International Atomic Energy Agency [IAEA]
              13.2. International Federation of Clinical Chemistry and Laboratory Medicine [IFCC]
              13.3. European Commission Joint Research Centre [JRC]

13.00-14.00 Lunch

14.00-14.30 Comments on written reports from International Organizations in liaison with the CCQM (continued)
              13.4. International Union of Pure and Applied Chemistry [IUPAC]
              13.5. ISO REMCO
              13.6. Cooperation on International Traceability in Analytical Chemistry [CITAC]

14.30-15.00 14. Address from newly-appointed CCQM President
              14.1 Appointment of CCQM WG Chairs
              14.2 Dates for CCQM WG meetings to be held in second half of 2019
              14.3 Date for next year’s April CCQM meetings

15.00-15.15 15. Closing remarks from outgoing CCQM President

15.15-15.30 16. Closing ceremony

15.30 Close