

1. General Aspects

TC-IM, addresses the main issues that:

- are of a cross cutting nature, or
- not covered by a specific TC,

and thus are not best addressed by one of the other EURAMET TC's or other EURAMET bodies. At the present time, TC-IM provides a forum and opportunity for bottom-up ideas to be explored, and in particular on the CIPM MRA matters.

TC-IM has representatives from 26 of the 37 members of EURAMET
METAS, DFM, VTT, NPL and PTB have nominated new contact persons to TC-IM.

2. Projects

- Project N° 1026 "Metrology Knowledge Transfer in the European Metrology Research Programme" KT and CB are integral parts in EMPIR and successfully running. There is no further need for the TC-IM to provide conceptual input
- Project N° 1237 "Calibration of Short Gauge Blocks by Mechanical Comparison" Leslie Pendrill (SP) Tanfer Yandayan (UME) registered as TC-L Project
- Project N° 1374 "Metrology - in short" fourth edition will be completed
- Project N° 1078 "Development of methods for the evaluation of uncertainty in dynamic measurements" ongoing, report Focus group
- Project N° 567 "International measurement software library (EUROMETROS) ongoing, report Focus group
- Project N° 1001 "Agreement of traceability in measurement fields" ongoing

3. Comparisons: n.a.

4. CMCs: n.a.

5. Activities of the Subcommittees

Focus Group Mathematics and Software:

MATHMET (the European Centre for Mathematics and Statistics in Metrology) was founded by LNE, NPL, PTB and SP in January 2016 (www.mathmet.org) outside of EURAMET. The organisational structure of MATHMET includes a General Assembly which met for the first time in July 2016, Markus Bär was elected as Chair. MATHMET aims at promoting best practice in mathematics and statistics for metrology, coordinating mathematical activity within EURAMET and serves as partner of NMIs & EU industry, academia and for projects. Past activities have included a MATHMET Conference and a Dynamics Workshop in November 2016 at PTB, Berlin, as well as the publication of a guide on Bayesian regression.

6. Participation in EMRP/ EMPIR: n.a.

7. Capacity Building: Activities of the last year and future needs

TCs should identify capacity building needs in their area and communicate them to the CBO, CB should be standing agenda item at the TC meetings. Two actions to support the BoD WGCB were proposed:

- make Workshops more visible to everyone (information on when/where workshops are taking place)
- setting up a WG to enable discussions before workshops to bring proposals into workshops and to prepare possible examples for workshops

8. Meetings

The 22nd TC-IM Meeting was held in Paris at LNE, 23 to 24 March 2017, with 19 participants from 17 different countries.

The next TC-IM Meeting is scheduled for March 2017 in Sarajevo.

9. Issues

At its 21st TC-IM meeting members agreed upon an action to hold a workshop on trainings. Ian Severn from NPL volunteered to host this workshop. The initial plan was to set a date in autumn, to limit the number of participants, to invite trainers, someone from PTB Q5 and Tanasko Tasic. The task for TC-IM was to analyse the possibilities for e-learning activities of EURAMET in coordination with the members, to make recommendations and to report back to the BoD.

Ian made a call before and during summer to interested participants and by September 2016 a full list of proposed participants was available, so the NPL Programmes team started carrying out the logistics of setting up the meeting. In winter, Tanasko was in contact with NPL and at the beginning of 2017 a doodle poll was created and a date was chosen. A few weeks ago, the WS had to be postponed to summer 2017 due to visa problems. A new date was fixed for the end of June.

10. Strategic Planning

- Broader Scope CMCs

The task for TC-IM is to find some examples that go into the direction Broader Scope CMCs. CPs were asked to submit their ideas to the TC-Chair until the end of April

- EURAMET Guides

Regulations about the use of guides vary from country to country. The EA requested some kind of policy on how EURAMET guides can be kept updated. Currently, it depends on the TC whether guides are being updated or not (some TCs do not feel responsible or lack resources). Further to this, guides are not updated strategically (sometimes stakeholders get informed, sometimes they don't). It was decided to set a link on the EURAMET website to all the available EURAMET Guides and to raise the issue of a possible "Guide on how to create a guide" at the TCC level.

11. Outlook for 2017/2018

- The brochure Metrology in short should be ready for printing by summer 2017
- The results of the workshop about training issues will be implemented.
- Integration MATHMET
- Election new TC-IM Chair
- CIPM-MRA: improve situation as far as comparisons are concerned, set up an agreement between NMIs