

BIPM Capacity Building and Knowledge Transfer Programme

CIPM MRA review outcomes: comparisons and CMCs

PROGRAMME HIGHLIGHTS

*Date: 2 April, 2019
Venue: Dresden, Germany*

1. Representative CMCs (broad scope)

- CIPM MRA requirements on CMCs
- Recommendations of the WG on the implementation and Operation of the CIPM MRA
- Use of equations for uncertainty determination and matrices to reduce the number of CMCs
- Better consistency in the expression of CMCs (e.g. units, uncertainty ranges)
- Avoiding of artificial subdivision of CMCs
- Percentage of coverage by CMCs = metric of success
- **Discussion:** *What approach has been adopted to ensure concise CMCs (matrices and broad scope) and to avoid artificial subdivision?*

2. Reducing workload

- CMC review process
- Recommendations of the WG on the implementation and Operation of the CIPM MRA
- 'Efficient and effective review' = 'risk based approach'
- Sharing the workload = distribution of CMCs among reviewers
- **Discussion:** *What are the things you do/are going to do to reduce the workload?*

3. Interpretation of comparisons

- CIPM MRA requirements on comparisons
- Recommendations of the WG on the implementation and Operation of the CIPM MRA
- 'Silent' comparisons
- 'How far the light shine' approach to indicate coverage of CMCs.
- Available evidences supporting CMCs when not covered by comparison.
- **Discussion:** *Experiences on interpretation of KCs and SCs as widely as is reasonable.*

4. Sharing workload

- Recommendations of the WG on the implementation and Operation of the CIPM MRA
- Sharing the roles involved in coordinating comparisons.
- Promoting new TC Leadership
- **Discussion:** *Do you provide mentorship in comparison piloting?*