

## Joint workshop on Measurement uncertainty in meteorology and climatology

5 and 6 April from 1:00 PM to 3:00 PM CEST  
Online *via* Zoom

### Programme

#### Day 1

- 1:00 Walter Bich and Andrea Merlone: Welcoming address and technical issues
- 1:10 Krunoslav Premec (WMO): Harmonizing uncertainty evaluation across WMO areas and the work of the Expert Team on Measurement Uncertainty
- 1:30 Jane Warne (Bureau of Meteorology Australia and ET-MU): Uncertainty in the Uncertain World of Meteorology
- 1:50 Andrea Merlone (INRiM, CCT WG ENV and ET-MU): Issues with the measurand
- 2:10 Break
- 2:20 Marian Muste (University of Iowa and ET-MU): Case study on implementing GUM to streamflow measurements acquired with Acoustic Doppler Velocimeter
- 2:40 Maurice Cox (NPL and JCGM-WG1): Uncertainties in greenhouse gas emissions: accounting for covariance
- 3:00 End of day 1

#### Day 2

- 1:00 Christoph Waldmann (Zentrum für Marine Umweltwissenschaften der Universität Bremen and ET-MU): Uncertainty quantification from the viewpoint of the ocean community
- 1:20 Paola Fiscaro (LNE and EMN Climate and Ocean Observation): Metrological challenges for ocean acidification observations: the example of pH
- 1:40 Emma Woolliams (NPL and EMN Climate and Ocean Observation): Uncertainties in sea level and sea ice thickness measured from satellites
- 2:00 Walter Bich (INRiM and JCGM-WG1): The Guide to the expression of uncertainty – Part 6 Developing and using measurement models
- 2:20 Round table. Moderators Andrea and Walter
- 2:50 Conclusion and further actions
- 3:00 End of workshop