

CCEM workshop on “Metrology for future electricity grids” to be held at the BIPM, 5 March 2025

Venue: Pavillon du Mail, BIPM, Sèvres, France

Draft Workshop Programme

- 9:00 Opening by Gert Rietveld (President of CCEM)
- 9:10 Grid challenges in the energy transition – a utility perspective (Sonja Berlijn, DNV)
- 9:50 HV testing – overview of techniques and recent developments (Yi Li, NMIA)
- 10:30 Coffee break
- 11:00 Metrology research agenda for future electricity grids – EURAMET and APMP visions (Stefano Lodetti, NPL; Ilya Budovsky, NMIA)
- 11:50 Recent progress on the development of metrological traceability system for the electronic transformers in China (Yang Pan, SIMT)
- 12:30 Lunch
- 13:30 Power quality and grid disturbance measurements (Deborah Ritzmann, NPL)
- 14:10 Wideband calibration of grid voltage and current sensors requirements (Mario Luiso, Univ. Campania)
- 14:50 Tea break
- 15:20 EV charging stations – industry and legal metrology perspective and metrology needs (Helko van den Brom, VSL)
- 16:00 Grid stability – industry perspective and metrology needs (Ben Kroposki, NREL)
- 16:40 Closing discussion
- 17:00 End of workshop