

Agenda - Advances in qNMR Workshop - 8 April 2025

Grande Salle, Petit Pavillon, BIPM, Sèvres – France

Time	Presenter	Topic
9:30	Dr Maria Fernandes-Whaley <i>NMISA, South Africa</i>	Welcome Workshop aims and objectives
Current Status of qNMR and its applications within the OAWG		
9:40	Dr. Taichi Yamazaki <i>NMIJ, Japan</i>	Improving the accuracy of qNMR through CCQM comparisons
10:10	Dr. Annie Wong <i>GL, Hong Kong</i>	Comprehensive method validation of purity assessment on organic compounds using qNMR technique & Experience sharing on ISO 17025 and ISO 17034 accreditation
Broadening the application of qNMR in metrology: Data Acquisition		
10:40	Dr. Wagner Wollinger <i>Inmetro, Brazil</i>	qNMR using alternative nuclei – ^{19}F and ^{13}C – challenges and perspectives
11:10	Coffee Break	
11:40	Dr. Bruno Garrido <i>NRC, Canada</i>	Strategies for achieving high-accuracy qNMR measurements in calibration solutions
12:10	Round table discussions	
Broadening the application of qNMR in metrology: Data Processing		
12:30	Dr. Klas Meyer <i>BAM, Germany</i>	Deconvolution in high-field and benchtop-NMR applications
13:00	Lunch	
14:00	Dr. Eli Achtar <i>LGC, UK</i>	Measurement uncertainty estimation using deconvolution methods
14:30	Round table discussions	
Broadening the application of qNMR in metrology: New Challenges and Larger Molecules		
15:00	Dr. Cameron Robertson <i>BIPM</i>	Metrology for Quantum Chemistry and AI Analysis of Chemical Purity Data
15:30	Coffee	
16:00	Dr. Timothy Rudd <i>MHRA, UK</i>	qNMR applied to bacterial vaccine polysaccharide standards
16:30	Dr. Huan Yao <i>NIM China</i>	Integrating with Separation Strategy: Expanding qNMR Applications Across Molecular Size
17:00	Round table discussions	
17:20	Closing remarks	
17:30	End of session	