

Workshop

PROMETH2O - Metrology for trace water in ultra-pure process gases

30th of January 2024 (14:00-17:45)

In the framework of the EURAMET-EMPIR project **PROMETH2O** (<https://www.prometh2o.eu>), we are pleased to invite you to the PROMETH2O workshop, which will take place on 30 January 2024 as a satellite event of the symposium GAS Analysis 2024

VENUE: Gas Analysis 2024 Symposium / Hyvolution Paris

Paris Expo, Hall 4, Porte de Versailles, France

30 st of January 2023 – OCEANIE ROOM	
14:00 - 14:15	Outline of PROMETH2O <i>V. FERNICOLA - INRIM / Italy</i>
14:15 – 14:50	Measurement challenges for trace water in pure gases <i>S. BELL – NPL / United Kingdom</i>
<i>Industrial challenges in producing and assessing ultra-pure process gases</i>	
14:50 - 15:10	Water measurement and control in pure gas manufacturing <i>S. BOGGIO - NIPPON GASES / Italy</i>
15:10 – 15:30	Calibration and measurement: ensuring traceability to industry <i>N. HAWES - QROMETRIC / United Kingdom</i>
15:30 - 16:15	Coffee Break
<i>Meeting the stakeholders needs</i>	
16:15 – 16:35	Novel reference standards to provide measurement traceability in the part-per-billion regime <i>D. HUDOKLIN - UNIVERSITY OF LJUBLJANA / Slovenia</i>
16:35 – 16:55	Virial coefficients of mixtures of water vapor and simple gases from first-principles calculations <i>K. MEIER - HELMUT-SCHMIDT-UNIVERSITÄT INSTITUT FÜR THERMODYNAMIK / Germany</i>
16:55 - 17:15	Next-generation trace water sensors and analysers for the industry <i>L. GIANFRANI - UNIVERSITA DEGLI STUDI DELLA CAMPANIA “LUIGI VANVITELLI” / Italy</i>
17:15 - 17:35	Validated software applications for moist real gases <i>S. TABANDEH - VTT-MIKES / Finland</i>
17:35 – 17:45	Wrap-up and conclusions

Contact gas@cfmetrologie.com to know how to register!