

WORKSHOP

Metrology Driving the Energy Transition and Next-Generation Industry

Advances in Temperature and Humidity Standards

AGENDA

The event will take place on **Tuesday, 23 June 2026** at **INRiM**, from **14:30 to 18:30**.

Chairs: Vito Fericola, Roberto M. Gavioso

Talks Session | 14:30 – 17:15

14:30 – 15:00

Hisashi Abe (NMIJ)

“Measuring Moisture with Spectroscopic Techniques: From the Clean Room to the Moon”

15:00 – 15:30

Annarita Baldan (VSL)

“Metrology for Energy Gases: European research needs and trends supporting decarbonisation”

15:30 – 15:50 Coffee Break

15:50 – 16:10

Roberto M. Gavioso (INRiM)

“Acoustic Thermometry: Fundamentals and Applications”

16:10 – 16:30

Paolo Alberto Giuliano Albo (INRiM)

“Thermophysical Properties: A Quiet Driver of Modern Energy Systems”

16:30 – 16:50

Giuseppina Lopardo (INRiM)

“From Primary Standards to Industrial Applications: Thermal Metrology in Practice”

16:50 – 17:10

Rugiada Cuccaro (INRiM)

“Trace Water Measurement and Standards for Process and Energy Gases”

Guided Tour of the Laboratories | 17:15 – 18:30

18.30 End of the Workshop