

## 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**