



# 2025 IMEKO TC2 INTERNATIONAL SYMPOSIUM ON MODERN PHOTONIC METROLOGY

MODENA, ITALY / SEPTEMBER 1-3, 2025



## SHAPING THE FUTURE OF PHOTONIC METROLOGY

### ORGANIZERS

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Universidade Federal de Santa Catarina,  
Brazil

### IMPORTANT DATES

**FEBRUARY 28, 2025**

SPECIAL SESSION PROPOSAL SUBMISSION  
DEADLINE

**MAY 18, 2025**

ABSTRACT SUBMISSION DEADLINE

**JUNE 1, 2025**

ACCEPTANCE NOTIFICATION

**AUGUST 1, 2025**

EXTENDED PAPER SUBMISSION DEADLINE

**PhotoMet 2025** will take place in Italy's iconic Motor Valley, an internationally recognized hub of technological excellence and innovation. Known for its concentration of world-class automotive companies, research centers, and engineering expertise, the Motor Valley provides a unique backdrop for exploring the intersection of cutting-edge metrology and real-world industrial applications.

This event will bring together researchers, engineers, and industry professionals to explore cutting-edge advancements in metrology and their impact across diverse domains such as automotive, healthcare, manufacturing, and environmental monitoring. The conference program will feature plenary sessions by leading experts, technical tracks, and special thematic sessions. Topics will include innovations in photonic metrology, advancements in optical sensing, and the integration of optics in next-generation industrial applications.

In alignment with its prestigious setting, **PhotoMet 2025** will showcase how photonic technologies are driving sustainability, digital transformation, and industrial innovation. Networking highlights include a gala dinner and technical visits to leading automotive research and production facilities in the Motor Valley, offering attendees a first-hand look at how cutting-edge measuring systems are shaping the future of mobility and beyond. The vibrant program, complemented by interactive exhibitions and demonstrations, ensures that **PhotoMet 2025** will be an unmissable gathering for professionals advancing measurement engineering, photonics, and their transformative applications.

### SPECIAL SESSIONS

The PhotoMet 2025 Organizing Committee invites proposals for Special Sessions on new or emerging topics in photonic metrology that have the potential to have a major impact on the field in the near future.

The goal of these special sessions is to provide a forum for focused discussions on new topics or innovative applications of established approaches.

Further information are available at

<https://www.photomet.org/special-sessions>

### MODENA

With a population of 180,000, Modena is a city where you can enjoy the good life, whether it is through beautiful music, fine cuisine, or the high speed of a sports car. Ferrari and Maserati can often be seen gliding down the roads of Modena and its surroundings – this is the area where the two legendary car makers are based.

Modena is also rich in architectural treasures such as the Ghirlandina Tower, the Cathedral and Piazza Grande, which was added to the World Heritage list by UNESCO in 1997.



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