

## AITA 2023 - 17<sup>th</sup> International Workshop on Advanced Infrared Technology and Applications

**10<sup>th</sup> – 13<sup>th</sup> September 2023  
Venice (Italy)**

Cotonificio Veneziano, Università IUAV  
Dorsoduro, 2196, 30123, Venezia



Politecnico  
di Torino

### CONFERENCE INFORMATION

Since 1992, AITA has been an international conference aiming to assess the state of the art of the technology in the Infrared bands and presenting its most interesting applications.

The next AITA conference will be held in Venice from 10<sup>th</sup> to 13<sup>th</sup> September 2023 and it will be focused on the following topics, but not limited to:

- Advanced technology and materials
- Smart and fiber-optic sensors
- Thermo-fluid dynamics and energy
- Biomedical applications
- Environmental monitoring
- Aerospace and industrial applications
- Nanophotonics and Nanotechnologies
- Astronomy and Earth observation
- Non-destructive testing and evaluation
- Systems and applications for the cultural heritage
- Image processing and data analysis
- Near-, mid-, and far-infrared systems
- Vibrational spectroscopies
- Terahertz imaging and systems
- Hyperspectral and multispectral imaging
- UAV Drones infrared systems

The event is co-located with the European Conference on Thermophysical Properties (ECTP 2023).

The conference is organized by:

the Fondazione "Giorgio Ronchi", the Istituto di Fisica Applicata "Nello Carrara" (CNR-IFAC), the Istituto per le Tecnologie della Costruzione (CNR-ITC), the Istituto di Scienza e Tecnologie dell'Informazione "Alessandro Faedo" (CNR-ISTI), the Istituto di Biofisica (CNR-IBF), the Istituto di Scienze dell'Atmosfera e del Clima (CNR-ISAC), and the Politecnico di Torino (D.AD).

The event is under the patronage of:

Associazione Italiana Prove non Distruttive (AIPnD) and Associazione Italiana Termografia Infrarosso - Diagnosi e Monitoraggio della Condizione (AITI-DMC).

### PAPER SUBMISSION

**The deadline for submission of a 150-words abstract is 15<sup>th</sup> April 2023.**

After acceptance of the abstract, the deadline for 4-pages paper submission and early bird registration is 15<sup>th</sup> June 2023.

Accepted papers will be published electronically in a dedicated issue of MDPI Engineering Proceedings; the issue will be indexed in the Scopus database.

Young authors are welcome to join the competition for the 6<sup>th</sup> Under 35 best paper award.

**For further details on submission and registration please visit the website or write to:**

[aita.committee@cnr.it](mailto:aita.committee@cnr.it)

