

29 September – 2 October
Pisa, Italy

AITA 2015



AITA 2015 - Advanced Infrared Technology and Applications

<http://ronchi.isti.cnr.it/AITA2015>

Final Call for Papers

The 13th International Workshop on Advanced Infrared Technology and Applications (AITA 2015) will take place in Pisa, Italy from 29 September to 2 October 2015 and will be hosted by the *Istituto di Scienza e Tecnologie dell'Informazione "Alessandro Faedo" (CNR-ISTI)* in cooperation with the *Fondazione "Giorgio Ronchi"*, the *Istituto di Fisica Applicata "Nello Carrara" (CNR-IFAC)* and the *Istituto per le Tecnologie delle Costruzioni (CNR-ITC)*.

Areas of Interest

In the 13th AITA edition, special emphasis will be given to the following topics:

- Advanced technology and materials
- Smart and fiber-optic sensors
- Thermo-fluid dynamics
- Non-destructive tests and evaluation
- Environmental monitoring
- Aerospace and industrial applications
- Nanophotonics & Nanotechnologies
- Astronomy and Earth observation
- Systems and applications for the cultural heritage
- Biomedical applications
- Image processing and data analysis
- Near-, mid-, and far infrared systems

2nd Under 35 Paper Award

A best paper award (reserved to < 35-year old main authors) will be assigned in honour of Ermanno Grinzato, AITA cochair for a long time and known scientist in the thermography community.

TECHNICAL SEMINAR ON IR TECHNIQUES FOR CULTURAL HERITAGE

Considering the importance of cultural heritage in Italy and the excellence achieved by Italian researchers and operators in this domain, a technical seminar entitled "*Techniques for infrared diagnostics and documentation in the field of cultural heritage*" will be organized.

SUBMISSION & PUBLICATION

All paper submission will be handled electronically. Selected papers will be published in a Special Issue of an international journal (Opto-Electronics Review, Journal of Modern Optics and Advances in Optical Technologies were selected in the last three editions of the workshop).

Important Dates

May 31 - June 28, 2015	Extended abstract submission
June 15 - July 15, 2015	Notification of acceptance
July 15 - July 31, 2015	Revised extended abstract submission

GENERAL CHAIR

Laura Ronchi

«Giorgio Ronchi» Foundation, IT

COCHAIRS

P. Bison, *CNR-ITC*, IT

M. D'Acunto, *CNR-ISTI*, IT

X. Maldague, *Laval Un.*, CA

D. Moroni, *CNR-ISTI*, IT

V. Raimondi, *CNR-IFAC*, IT

A. Rogalski, *Mil. Un. Tech.*, PL

M. Strojnik, *CIO*, MX

T. Sakagami, *Kobe Un.*, JP

SCIENTIFIC COMMITTEE

D. Balageas, *ONERA*, FR

C. Corsi, *CREO*, IT

E. Dereniak, *Arizona Un.*, US

C.T. Elliott, *Heriot-Watt Un.*, UK

C. Maierhofer, *BAM*, DE

C. Meola, *Naples Un.*, IT

I. Pippi, *CNR-IFAC*, IT

H. Rutt, *Southampton Un.*, UK

O. Salvetti, *CNR-ISTI*, IT

J.L. Tissot, *ULIS*, FR

V.P. Vavilov, *Tomsk Un*, RU

H.Zogg, *ETH*, CH

ORGANIZING COMMITTEE

A. Meriggi, *Ronchi Foundation*, IT

F. Pardini, *CNR-ISTI*, IT

E. Ricciardi, *CNR-ISTI*, IT

M. Tampucci, *CNR-ISTI*, IT

M. Volinia, *Politecnico Torino*, IT

SPONSORS & SUPPORT

