



Fondazione
"Giorgio Ronchi"



CNR-ITC
Padova



CNR-IFAC
"Nello Carrara"



CNR-ISTI
"Alessandro Faedo"



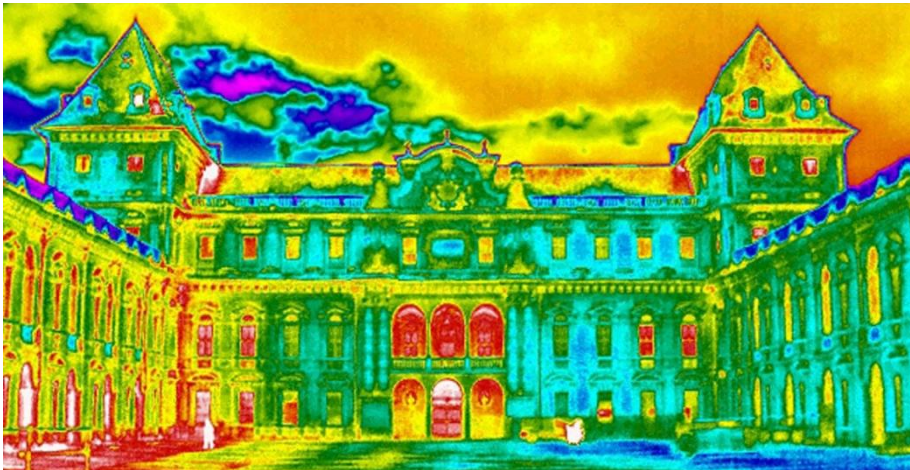
Consorzio
CREO



Politecnico di
Torino

Fondazione "Giorgio Ronchi", Firenze
CNR-ITC, Sez. di Padova
CNR-IFAC "Nello Carrara", Firenze
CNR-ISTI "Alessandro Faedo", Pisa
CREO, L'Aquila
Politecnico di Torino, Laboratorio di Restauro

AITA 2013



**12th International Workshop on
Advanced Infrared
Technology and Applications**

FIRST CALL FOR PAPERS

1st under 35 PAPER AWARD

September 10 - 13, 2013
Castello del Valentino
Politecnico di Torino
Viale Mattioli, 39 - 10125 Turin

<http://ronchi.isti.cnr.it/AITA2013>

Workshop objectives

After the 11th International Workshop held in L'Aquila (Italy) in September 2011, it has been decided to organize the 12th AITA 2013 in Turin (Italy) with the main objectives to assess the state of the art of the technology in the Infrared bands and to present its most interesting applications.

Main topics

- Advanced technology and materials
- Smart and fiber-optic sensors
- Thermo-fluid dynamics
- Biomedical applications
- Environmental monitoring
- Aerospace and Industrial applications
- Astronomy and Earth observation
- Non-destructive tests and evaluation
- Systems for cultural heritage
- Image processing and data analysis
- Near-, mid-, and long wavelength systems

1st under 35 paper Award

A best paper award will be assigned by the chairman and the cochairmen in honor of Ermanno Grinzato, for a long time AITA cochairman and known scientist in the thermography community. The award aims at encouraging innovative studies of young researchers in some of the topics of interest for the workshop.

The prize, reserved to under 35 main authors, shall be € 400,00 and an official certificate. The prize will be delivered to the winner during the social dinner.

Chairman of the Workshop

- Laura Ronchi Abbozzo

Co-chairmen

- P. Bison
- G.M. Carlomagno
- C. Corsi
- I. Pippi
- N.H. Rutt
- O. Salvetti
- M. Strojnik

Scientific Committee

- D. Balageas, ONERA, France
- M. D'Acunzio, CNR-ISM, Rome, Italy
- E. Dereniak, University of Arizona, Tucson, USA
- C.T. Elliott, Heriot-Watt University, Edinburgh, Scotland
- C. Maierhofer, BAM, Germany
- X. Maldague, Laval University, Quebec, Canada
- C. Meola, Univ. of Naples, Naples, Italy
- D. Moroni, CNR-ISTI, Pisa, Italy
- A. Rogalski, Military University of Technology, Warsaw, Poland
- T. Sakagami, Osaka University, Osaka, Japan
- J.L. Tissot, ULIS, Veurey Voroize, France
- V.P. Vavilov, Tomsk University, Tomsk, Russia
- M. Volinia, Politecnico di Torino, Turin, Italy
- H. Zogg, ETH, Zurich, Switzerland

Language

The papers are to be written and presented in English.

Deadlines

Extended Abstract (2-4 pages)	17 th May 2013
Notification of acceptance	14 th June 2013
Program of the workshop will be sent	1 st July 2013
Full paper submission (8 to 10 pages)	1 st August 2013

Submission

Papers should be submitted to cita@isti.cnr.it within 17th May 2013, according to the template provided on the website (<http://ronchi.isti.cnr.it/AITA2013>).

Publication

Selected papers will be published in a Special Issue of an International Journal (Journal of Modern Optics and Advances in Optical Technologies published a special issue for the 10th and 11th AITA edition respectively).

Papers will be selected by the Scientific Committee. The Proceedings of the Workshop will consist of the 4-page summaries of all papers, included those selected for the Special Issue, and will be distributed electronically. Full papers not selected for the Special Issue will be published in an issue of "Atti della Fondazione Giorgio Ronchi".

Registration fee

The early registration fee is € 400,00 and includes: social dinner, coffee breaks, lunches, abstract booklet and Proceedings of the Workshop. A finite number of qualified students may apply at the reduced price of € 200,00, social dinner and Special Issue excluded.

Organizing Committee

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