



Fondazione
"Giorgio Ronchi"



CNR-ITC
Padova



CNR-IFAC
"Nello Carrara"



CNR-ISTI
"Alessandro Faedo"



ICT
Department - CNR



Università de
L'Aquila

Fondazione "Giorgio Ronchi", Firenze
CNR-ITC, Sez. di Padova
CNR-IFAC "Nello Carrara", Firenze
CNR-ISTI "Alessandro Faedo", Pisa
ICT Department - CNR
CREO, L'Aquila
Università de L'Aquila

11th International Workshop on Advanced Infrared Technology and Applications AITA-11

<http://ronchi.isti.cnr.it/AITA2011>

THIRD CALL FOR PAPERS



Before Earthquake

*L'Aquila – Piazza Del Duomo
Chiesa "Delle Anime Sante"*



Soon after earthquake Dome ruined



Restoration of Dome

September 7– 9, 2011
Faculty of Science
University of L'Aquila
Via Vetoio 10, Loc. Coppito, L'Aquila

Workshop objectives

After the 10th International Workshop held in Florence (Italy) in September 2009, it has been decided to organize the 11th AITA 2011 in L'Aquila (Italy) with the main objectives to assess the state of the art of the technology in the near, thermal and far Infrared and to present its most interesting applications.

Main topics

- Advanced technology and materials
- Smart and fibre-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

Chairman of the Workshop

- Laura Ronchi Abbozzo

Co-chairmen

- G.M. Carlomagno
- C. Corsi
- E. Grinzato
- I. Pippi
- N.H. Rutt
- O. Salvetti
- S. Santucci
- M. Strojnik

Scientific Committee

- D. Balageas, ONERA, France
- G.M. Carlomagno, Univ. of Naples, Italy
- C. Corsi, Alenia-CREO, Italy
- E. Dereniak, Univ. of Arizona, USA
- C.T. Elliott, Univ. of Edinburgh, U.K.
- E. Grinzato, ITC-CNR, Italy
- X. Maldague, Univ. Laval, Canada
- I. Pippi, IFAC-CNR, Italy
- A. Rogalski, Military University of Technology, Poland
- H.N. Rutt, Univ. of Southampton, U.K.
- T. Sakagami, Osaka Univ., Japan
- O. Salvetti, ISTI-CNR, Italy
- S. Santucci, Univ. L'Aquila, Italy
- M. Strojnik, CIO, Mexico
- J.-L. Tissot, ULIs, France
- V.P. Vavilov, Tomsk Univ., Russia
- H. Wiggemhauser, BAM, Germany
- H. Zogg, ETH, Switzerland

Language

The papers are to be written and presented in English.

Deadlines

Extended Abstract (2-4 pages)	13 th May 2011
Notification of acceptance	30 th May 2011
Program of the workshop will be sent	6 th June 2011
Full paper submission (8 to 10 pages)	17 th July 2011

Publication

Selected papers will be published in a Special Issue of an international journal (*Journal of Modern Optics* published the proceedings of AITA-10).

The papers to be submitted for the Special Issue will be firstly selected by the Scientific Committee after revision of the submitted full papers and their oral presentation. The revised papers shall be sent to ronchi@infinito.it within 15th Dec. 2011.

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 published in a CD. Full papers not selected for the Special Issue will be published in an issue of “Atti della Fondazione Giorgio Ronchi”.

Registration fee

The 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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