

The 11th International Conference on Quantitative InfraRed Thermography

Call for Papers

First announcement

The Quantitative InfraRed Thermography (QIRT) conference is an international forum which brings together specialists from industry and academia, who share an active interest in the latest developments of science, experimental practices and instrumentation, related to infrared thermography.

QIRT 2012 will cover, but will not be limited to, the following topics:

- ▶ State of the art and evolution in the field of infrared scanners and imaging systems allowing quantitative measurements and related data acquisition and processing.
- ▶ Integration of thermographic systems and multispectral analysis. Related problems like: calibration and characterization of infrared cameras; emissivity determination; absorption in media; spurious radiations, 3D measurements; certification and standardization.
- ▶ Thermal effects induced e.g. by electromagnetic fields, elastic waves or mechanical stresses.
- ▶ Application of infrared thermography to radiometry, thermometry and physical parameters identification in all fields such as (and not limited to): industrial processes; material sciences; termofluidynamics; structure and material non-destructive evaluations; cultural heritage; environment; fluid mechanics; medicine; biomedical science; food production.

Important Dates:

Abstract Submission Deadline: December 15, 2011
Acceptance Notification: January 31, 2012
Paper Submission Deadline: April 31, 2012
Main Conference: June 11 – 14, 2012

Abstract and Paper Submission

All submissions for oral or poster presentation will be handled electronically via the conference website www.qirt2012.unina.it.

Web-Based Proceedings

Papers will be published online in an open-source repository, which can be found at website qirt.gel.ulaval.ca so these can be found via Google Scholar. A USB flash drive with all conference papers will be also distributed to conference participants. Selected papers will be published in the QIRT Journal

Tutorials, Technical Visit and Workshop

In addition to the main technical program, the conference will include: Short Courses (scheduled on Sunday, June 10), Technical Visit to CIRA wind tunnels (scheduled on Friday, June 15) and Workshop. Short Course and Workshop proposals can be submitted to Steering Committee at qirt2012@unina.it.

Students Awards

The QIRT 2012 organizing committee strived to stimulate young researchers by awarding the best three conference contributions presented and authored only by students.

Venue

QIRT 2012 will be held at the University of Naples Conference Centre which is superbly located in Naples waterfront, unique for its focus on creative, cultural, entertainment and leisure activities. Naples location offers an ideal base for international visitors hoping to experience Campania's iconic attractions: Capri and Ischia islands, Herculaneum, Pompeii Positano, Ravello, all accessible within an hour.

For further information and updates please visit: www.qirt2012.unina.it or contact the organizing committee at qirt2012@unina.it

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