



31st UIT Heat Transfer Conference

Como, Italy, June 25-27, 2013

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Foreword from the 31st UIT Heat Transfer Conference Chair

The annual Conference of the “Unione Italiana di Termofluidodinamica” (UIT) is aimed at promoting cooperation in the field of heat transfer and thermal sciences, by bringing together scientists and engineers working in related areas.

The 31st UIT Conference was held in Moltrasio (Como), Italy, on June 25-27th, 2013 at the Grand Hotel Imperiale.

The response has been enthusiastic, with more than 70 quality contributions from 224 authors on heat transfer related topics: Natural, Forced and Mixed convection, Conduction, Radiation, Multi-Phase Fluid Dynamics and Interface Phenomena, Computational Fluid Dynamics, Micro- and Nano-scales, Efficiency in Energy Systems, and Environmental Technologies and Buildings.

To encourage the debate, the Conference Program has scheduled ample poster sessions and invited lectures from the best experts in the field along with a few of the most talented researchers.

Keynote Lectures were given by prof. Roberto Mauri (University of Pisa), prof. Lounés Tadrist (Polytech Marseille) and prof. Maurizio Quadrio (Politecnico di Milano).

This special volume collects a selection of the scientific contributions discussed during this Conference; these works give a good overview of the state-of-the art of the Italian research in the field of Heat Transfer related topics.

I would like to sincerely thank the authors for presenting their works at the Conference and in this special issue. I would also like to extend my thanks to the Scientific Committee and the Authors for their accurate review process of each paper for this special issue.

A special thank goes to the Organizing Committee and to our sponsors.

As a professor of Politecnico di Milano, let me say I'm very proud to have been the Chair of this Conference in the 150th anniversary of my Politecnico.

Professor Alfonso Niro

Keynote Lecturers of 31st UIT Heat Transfer Conference

Roberto Mauri *Università degli Studi di Pisa*

Lounès Tadrist *Polytech Marseille*

Maurizio Quadrio *Politecnico di Milano*

Organizing Committee of 31st UIT Heat Transfer Conference

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