

---

## PREFACE

---

Heat transfer continues to play a major role in new emerging areas such as sustainable development and reduction of greenhouse gases as well as for micro- and nano-scale structures and bio-engineering and in traditional areas like heat exchangers, gas turbine cooling, turbulent combustion and fires, electronics cooling, melting, solidification and many others. Tremendous advancements have been achieved during recent years.

The Wessex Institute of Technology (WIT) Heat Transfer Conference Series aims to provide a forum for presentation and discussion of new approaches and applications of computational methods and experimental measurements to heat and mass transfer and related phenomena.

Many relevant research topics were discussed during the Fourteenth International Conference on Simulation and Experiments in Heat Transfer and its Applications held in Ancona, Italy during September 2016. This special issue of the International Journal of Computational Methods and Experimental Measurements contains the edited versions of some selected papers presented at the Conference. The contributions reflect the quality and width of the topics covered in the conference.

The guest editors would like to thank all the distinguished and well-known scientists who supported the Conference by serving on the International Scientific Advisory Committee, reviewing the submitted abstracts and papers. The excellent administrative work of the conference secretariat at WIT is greatly appreciated and the efficient co-operation and encouragement by the staff at WIT Press were essential in producing this special issue.

*Bengt Sundén  
Carlos Brebbia  
Ancona 2016*