PREFACE: 6TH INTERNATIONAL SYMPOSIUM ON ADVANCES IN COMPUTATIONAL HEAT TRANSFER (CHT-15)

This Special Issue is based on a selection of papers presented at the *6th International Symposium on Advances in Computational Heat Transfer* (CHT-15), sponsored by the International Centre for Heat and Mass Transfer (ICHMT) and co-sponsored by the School of Engineering, Rutgers University. It was held at Rutgers University, Piscataway, New Jersey, USA, during 25–29 May 2015. This symposium is a continuation of the series of symposia held at various places around the world, including Cesme, Turkey; Marrakesh, Morocco; and Bath, UK. It focuses on computational heat transfer and covers a wide range of topics of both fundamental and applied interest.

The basic objective of this symposium was to provide a forum for the presentation and exchange of new ideas and trends, methods, and results emerging from the use of computational techniques for solving a wide range of problems in different areas. Researchers from academia and industry came together with students and CHT practitioners to discuss new and emerging areas, as well as traditional fields. Besides the contributed papers, a large number of keynote and invited lectures were presented to focus on the current state of the art and the future needs. Overall, the symposium had 3 Plenary talks, 12 Keynote Lectures, 24 invited papers, 162 contributed papers, and over 220 participants.

The authors of the contributed papers were encouraged to submit their updated and completed papers to *Computational Thermal Science*. Several papers presented at the symposium were abstracts or extended abstracts. These were expanded to include additional details and results to obtain a full paper and the other papers were updated, modified, and expanded. The submitted papers were reviewed, following the journal procedures, and accepted on the basis of the peer reviews. The papers in this Special Issue represent a small subset of the wide diversity of papers included in the symposium. Still, the range of topics covered is seen in the papers included here. They range from natural convection, phase change, and combustion to channel flow and various applications.

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Certainly, the most important contribution to the symposium is made by the authors and participants. We are very grateful to the many keynote and invited speakers for taking the time to attend the symposium and present overviews of their areas of expertise. We would also like to thank the reviewers of the papers in this Special Issue for their valuable comments and suggestions. We acknowledge the help and support provided by the Editor, Professor Darrell Pepper, and the publishing staff.

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