Preface

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Biographical notes: Jan Taler is a Director of the Institute of Thermal Power Engineering at the Mechanical Faculty of Cracow University of Technology. He is the author or co-author of about 300 publications in scientific journals and author or co-author of ten books and over 20 chapters in scientific monographs and entries in the *Encyclopedia of Thermal Stresses*. He conducts research in the field of heat transfer engineering.

Abdulmajeed Mohamad graduated from the Baghdad University with a BSc (with honours) and MSc in 1976 and 1978, respectively. He obtained his PhD in the School of Mechanical Engineering from the Purdue University in 1992. He has published more than 230 papers in refereed journal articles and conference papers and has chaired and organised several conferences on computational heat transfer and transports in porous media. He has contributed to the engineering education of students from various countries around the world as lecturer, invited professor and thesis director. He is a permanent reviewer for many thermofluid journals, over 30 papers per year.

Ali Cemal Benim received his BSc (with honours) and MSc (with high honours) degrees in Mechanical Engineering from the Bosphorus University of Istanbul, Turkey, and his PhD degree from the University of Stuttgart, Germany, with degree of distinction. Following a post-doctoral period at the University of Stuttgart, he joined ABB Turbo Systems Ltd. in Baden, Switzerland. He was the manager of the Computational Flow and Combustion Modelling group. Since 1996, he is a Professor for Flow Simulation and Energy Technology and Head of Center of Flow Simulation at the Düsseldorf University of Applied Sciences, Germany.

Computational techniques and methods are evolutionary field from macroscopic-level to nano-level, using continuum and discrete mechanics. It is necessary for scientist and engineers to come together periodically in an inspiring environment to discuss new ideas and developments in the area of computational methods and applications, and, for young scientists and engineers, to explore the art of computational methods.

International Conference on Computational Heat and Mass Transfer (ICCHMT) is providing such a platform in the area of Heat and Mass Transfer since many years.

ICCHMT is a widely recognised and respected conference in the international heat and mass transfer community. For over 15 years, the ICCHMT conference has been organised in different parts of the world: 1999: Famagusta, Cyprus, 2001: Rio de Janeiro, Brazil, 2003:

Banff, Canada, 2005: Paris, France, 2007: Canmore, Canada, 2009: Guangzhou, China, 2011: Istanbul, Turkey, and 2015: Istanbul, Turkey.

For the first time in its history, ICCHMT was organised in Cracow, Poland, by the Institute of Thermal Power Engineering from the Cracow University of Technology and Schulich School of Engineering from the University of Calgary. ICCHMT2016 took place in Cracow, 23−26 May 2016. The current special issue contains extended versions of some the selected papers out of the conference that pertain to the area of computational fluid dynamics.