

## PREFACE: FIFTH INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL HEAT TRANSFER KEYNOTE LECTURES

This issue of *Computational Thermal Sciences* contains most of the Keynote Lectures presented at the Fifth International Symposium on Computational Heat Transfer (CHT-12) organized under the auspices of the International Centre for Heat and Mass Transfer (ICHMT), held at the University of Bath, England, on July 1–6, 2012. The symposium was held as a tribute to the memory of the late Professor Eddie Leonardi, co-founder of this series of CHT symposia, former Chair of the Executive Committee of the ICHMT, and former Director of the Computational Fluid Dynamics (CFD) Research Laboratory at the University of New South Wales, and in recognition of his innumerable contributions to CFD and heat transfer.

CHT-12 provided a forum for the exchange of ideas, methods, and results in CHT. Papers on all aspects of

CHT—both fundamental and applied—were presented, and many have been, or will be, published in this journal. The topics included the following: (1) biological heat transfer; (2) boundary layer flow and heat transfer; (3) combustion and fire modeling; (4) computational methods; (5) double-diffusive convection; (6) energy; (7) internal flow and heat transfer; (8) mass transfer; (9) materials processing; (10) microscale and nanoscale heat transfer; (11) radiative heat transfer; (12) single and multiphase flow and heat transfer; (13) solidification and melting; (14) turbulent heat transfer; (15) turbulence modeling; and (16) verification and validation. Previous symposia in the series were CHT-97 in Turkey, CHT-01 in Australia, CHT-04 in Norway, and CHT-08 in Morocco. Proceedings of those symposia, and of CHT-12, are available from ICHMT ([www.ichmt.org](http://www.ichmt.org)).

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