

Preface

This issue of the IJHFF is devoted to papers that were first presented at the 2nd International Symposium on Advances in Computational Heat Transfer (“CHT’01: Advances in Computational Heat Transfer II”, G. de Vahl Davis and E. Leonardi, Editors, Begell House, New York, 2001). The setting of the conference, at a peaceful resort hotel in Palm Cove, a sleepy community 80 km north of Cairns, proved an admirable one for stimulating interchanges among the nearly 200 participants. The theme of ‘computational heat transfer’ at the conference was directed much more at industrial problems—in many cases at *very* complex industrial flows and processes, often involving phase change—than is the usual coverage in the IJHFF. We have intentionally retained that emphasis in this selection of some of the best of the 165 papers presented at the meeting. Based on the discussion of their papers at the conference, authors were invited to expand and update their contributions from the original version; then each of the manuscripts was reviewed in line with the usual IJHFF practice. We hope that this resulting compendium provides a valuable overview for our readers of the application of computational methods for convective heat transfer to a spectrum of industrial flows.

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