



Preface

CMFF06 Special Issue of IJHFF

For approaching 50 years Hungarian fluids-engineering institutions have been organizing, at four-yearly intervals, conferences on fluid flow technologies in Budapest. These conferences provided an attractive event though mainly for a central and eastern European audience, with especial emphasis on Fluid Machinery.

Starting from the 12th conference in the series, held in 2003, the Department of Fluid Mechanics, Budapest University of Technology and Economics (BUTE) has taken a major role in conference organisation, with the event being held within the University, overlooking the Danube on the Buda side of the city. The organizers enlarged the scope of the event to embrace all areas of CFD applications and to include advanced flow measurements too. The outcome was that the conference became a truly international meeting: under its new title 'Conference on Modelling Fluid Flow' (CMFF) it attracted well over 200 participants from 30 different countries.

The success of CMFF'03 encouraged the organizers to increase the frequency of the conferences to every third year. Thus, in September 2006, building on this new format, CMFF'06 was held. At the Conference over 140 papers were presented, the complete proceedings of which are available from the University in a 2-volume paper and/or disc format [Proceedings of *Conference on Modelling Fluid Flow (CMFF'06)*, Ed. T. Lajos & J. Vad, Dept Fluid Mechanics, BUTE, Bertalan Lajos u. 4–6, H-1111 Budapest, Hungary]. While the Conference included papers on fundamental modelling issues, the centre of gravity of the meeting was firmly on extending our range of under-

standing and computational strategies into complex practically important flows, whether of industrial, environmental or bio-medical interest.

The present special issue of IJHFF includes a dozen of the best papers from that meeting, chosen to capture the flavour of the spectrum of topics falling within the scope of the Journal. The preliminary identification of the papers to be chosen was made by the editors, guided by those members of the Editorial Advisory Board attending the meeting. Thereafter, as with all IJHFF Special Issues, authors were invited to extend or update their conference versions to allow a more complete view of the current position than had been possible in their conference paper. The revised papers were then independently reviewed by external referees and further modified as appropriate. With the coming of the on-line version of IJHFF, several of the papers now include an 'electronic appendix' in which further figures and other details of the study are included that are unavailable in the printed version.

This is the first of the Journal's special issues to be handled entirely within the EES system and that has necessarily meant that authors and referees have had to come to terms with new modes of operation. Our sincere thanks go to them for nevertheless doing their utmost to complete their respective tasks within a strict time schedule.

Brian Launder, *Editor-in Chief*
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Available online 16 May 2007