

Preface

The sixth of the International Symposia on Engineering Turbulence Modelling and Measurements – ETMM6 – was held at Villasimus at the southern tip of Sardinia, Italy. Some 270 abstracts had been offered for that meeting and finally, after a review of each completed paper by two referees, 90 papers were accepted for presentation at the conference itself. The complete conference proceedings is available as *Engineering Turbulence Modelling & Experiments 6*, W. Rodi & M. Mulas, Editors, Elsevier, Amsterdam, 2005.

Here, in this special issue, it has been our aim to bring a selection of some of the best of these conference contributions that were especially well aligned to the coverage and style of the *Int J Heat & Fluid Flow*. The papers are, however, more than just a reprint of the conference versions. In every case authors have been encouraged to expand their presentations to a length that fitted their subject matter rather than the strictly page-limited conference edition and, at the same time, to import more recent results or insights, some of which would have been gained in discussions at the conference itself. These revised manuscripts were then re-reviewed according to the strict procedures adopted by the Journal.

The outcome of this process has led to the 22 papers contained in this issue. One notes from the titles that large-eddy-simulation approaches adopt an increasing visibility sometimes in combination with the more economical RANS treatments. However, the totality of the papers demonstrate that, across the range of flows and situations considered, there is a need not only for computational approaches from RANS to DNS but a continuing role for pioneering experiments.

We wish to express our thanks to ERCOFTAC who have now assumed overall responsibility for running the ETMM series and, at a personal level, to Dr. M. Mulas for his efforts in co-organizing the conference and perhaps particularly for his help with publicity and local arrangements. These efforts certainly helped attract such a large number of paper proposals and thus have been indirectly responsible for the quality of the papers making up this special issue. The initial selection of papers for the special issue was helped by input from the members of the Journal's EAB attending the conference. Our thanks are also expressed to the referees who were asked to respond to a strict time scale in order that all the selected papers could be ready for this publication.

B.E. Launder
W. Rodi, *Guest Editor*.

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