

Preface

This book contains proceedings of the Sixth International Conference on Computational Fluid Dynamics (ICCFD6). The ICCFD conference series was formed in 2000 following the merger of the *International Conference on Numerical Methods in Fluid Dynamics* founded by K. Oshima in 1985 and *International Symposium on Computational Fluid Dynamics* founded by N.N. Yanenko and M. Holt in 1969. The conferences have been recognized as the leading international events for scientists, mathematicians and engineers specialized in the numerical simulation of fluid and gas flows.

The Sixth Conference, which was held in St. Petersburg, Russia, from July 12 through 16, 2010, provided a forum for the dissemination of technical information in all areas of up-to-date CFD, from basic algorithms to applications in various industries. The highlights of the program were five Invited Lectures and four Keynote Lectures given by renowned CFD experts, who presented a great deal of valuable information and exciting topics for discussions.

In the beginning of 2010, the Organizing Committee received over 280 abstracts of regular papers for consideration. Four groups of reviewers, which were headed by D. Kwak (USA), C.-H. Bruneau (France), N. Satofuka (Japan), and A. Kuzmin (Russia), performed a careful peer-review process. The final conference program included 126 oral and 30 poster presentations. The total number of ICCFD6 attendees was 171 from 29 countries. It is worth mentioning that 40 presentations were delivered by Ph.D. students.

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