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PREFACE

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Preface

Multiphase flow plays a very important role in scientific research and various industrial applications such as chemistry and chemical engineering, fluid dynamics, power engineering, nuclear energy engineering, petroleum engineering, metallurgical engineering, environmental engineering, and processing engineering, among others.

Up to now, sufficient progress has been made in measurement techniques for multiphase flow, and many new techniques and sensors have been developed. However, due to the complication of multiphase flow, its measurement is much more difficult than that for single-phase flow, and is still a challenge to scientists and engineers.

In order to achieve better development of measurement techniques, the 5th International Symposium on Measurement Techniques for Multiphase Flow (ISMTMF) was held in Macau, December 2006. Papers presented in the symposium cover a wide scope of multiphase measurements for gas-liquid two-phase flow, gas-solid two-phase flow, liquid-solid two-phase flow, and three-phase flow.

In this issue, we are proud to present a selection of the papers in this symposium. As guest editors, we would like to express our appreciation and thanks to the authors and to the *CEC* staff for excellent collaboration in publishing this special feature.

Guest Editors

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