Preface

**In-Shup Ahn · Soon-Hyung Hong ·
Whung-Whoe Kim · Sang-Eon Park ·
Jong-San Chang · Soo-Jin Park**

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The 10th International Symposium on Nanocomposites and Nanoporous Materials, ISNAM10, was held in Duksan, Korea, from 3rd to 5th December 2009. Unlike previous series of nanocomposite materials symposiums, the Symposium is a joint meeting together with nanocomposites, nanoporous materials, and environment-friendly material research programs.

I.-S. Ahn (✉)

School of Nano and Advanced Materials Engineering, I-Cube Center, K-MEM R&D Cluster,
Gyeongsang National University, Jinju 660-701, Korea
e-mail: ahnspml@gnu.ac.kr

S.-H. Hong

Department of Material Science and Engineering, KAIST, 335 Gwahak-ro, Yuseong-gu,
Daejeon 305-701, Korea
e-mail: shhong@kaist.ac.kr

W.-W. Kim

Advanced Nuclear Materials Department, Korea Atomic Energy Research Institute,
Daejeon 305-353, Korea
e-mail: wwkim@kaeri.re.kr

S.-E. Park

Laboratory of Nono-Green Catalysis and Nano Center for Fine Chemical Fusion Technology,
Department of Chemistry, Inha University, Incheon 402-751, Korea
e-mail: separk@inha.ac.kr

J.-S. Chang

Catalysis Center for Molecular Engineering (CCME), Korea Research Institute of Chemical
Technology (KRICT), Yusung, Daejeon 305-600, Korea
e-mail: jschang@kRICT.re.kr

S.-J. Park

Department of Chemistry, Inha University, Incheon 402-751, Korea
e-mail: sjpark@inha.ac.kr

Approximately 250 participants from five countries attended the symposium and 149 papers were presented; 18 plenary lectures from Japan, USA, and Australia, and five oral presentations, as well as 126 poster presentations. After the review process, 36 papers were accepted for publication in this special volume of the Journal of Research on Chemical Intermediates. The strong international participation and high quality of presentations is an indication of the interest in the field of nanocomposites, nanocatalysts, ultrafine polymers, nano-adsorption, nano-characterization, etc., in fundamental research and applied engineering. All of the main aspects of these materials were covered, including synthesis, mechanism, microstructures, properties, and applications.

The symposium also provides the latest research results and a state-of-the-art overview of technology in the exciting and rapidly evolving field of nanomaterials. On the first day of the Symposium, numerous papers in the field of crystalline nanoporous metal oxides, synthesis and pore size control, mechanical milling, electronic applications, etc. were presented. On the second day, invited lectures were actively participated based on nanopowders, polymer matrix, structure and physicochemical properties, enzyme-free electrochemical sensors, etc. On the last day, oral presentations were given on the subject of nanocatalysts and environment-friendly materials.

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