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PREFACE

The 11th International Symposium on Nanocomposites and Nanoporous Materials (11th ISNNM) was held in Gyeongju, Korea, from 2nd till 5th December 2010. The 11th ISNNM was organized by the Korean Powder Metallurgy Institute (KPMI), and co-organized by the Institute for the NanoCentury (KINC), KAIST, and the Nano Center for Fine Chemicals Fusion Technology, Inha University. During the 11th ISNNM, about 200 participants from 7 countries attended. There were 128 presentations, including 9 invited talks. For these Proceedings, nearly 50 papers were accepted and submitted for publication.

The 11th ISNNM focused on a variety of nanomaterials such as nanoparticle, nanowires, nanocomposites, nanocatalysts, etc. The scope of the symposium encompassed metals, ceramics, intermetallics, polymers and composites. The topics covered various aspects of nanomaterials, including synthesis, mechanism, microstructures, modeling, properties, and applications. For application, in particular, interesting research results in a variety of fields are discussed: metal-polymer composites, functional hybrid materials, nanopowder fabrication, nanoporous materials and nanocatalysts. The symposium provided the latest research results and a state-of-the-art overview of technology in the exciting and rapidly evolving field of nanomaterials. Symposium sessions also included invited lectures from internationally distinguished scientists discussing topics ranging from the most recent discovered materials to the latest techniques of production. Manufacturer’s contributions and exhibits were very useful to promote further interaction between the scientists and the industry.

We wish to express our sincere thanks to all persons who contributed to the success of 11th ISNNM: the members of the International Advisory Committee, the members of the National Advisory Committee, the session chairpersons, invited speakers and all the contributing participants. The efforts of the colleagues of the Steering Committee are gratefully acknowledged. Without all their help the Symposium would have been less successful. Finally, the Organisers would like to thank the Korean Federation of Science and Technology Societies(KOFST) for their financial support of the Symposium.

Seoul, February 2011
Deug-Joong Kim, Chairman
Soon Hyung Hong, Co-chairman
Byoung Kee Kim
Yoo Dong Hahn
Jung-Ho Ahn
Chang Kyu Rhee
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