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NANOMATERIALS AND NANOTECHNOLOGIES
(Crete, Greece, June 14 – 18, 2005)
Part IV
edited by Ilya Ovid’ko
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St. Petersburg, Russia
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PREFACE

The 2nd International Conference "Nanomaterials and Nanotechnologies" (Crete, Greece, June 14 - 18, 2005) provided a dynamic overview of current multidisciplinary research on nanostructured materials and development of nanotechnologies with the primary focus on reinforce of connection between the fundamental science, engineering and commercialization of nanostructures; between universities, governmental laboratories, academic institutions, private research sector and industry. The main aim of the Conference was to assess the current status and to identify future priority directions of fabrication, research, design and applications of nanocomposites, carbon nanotubes, self-assembled supramolecules, nanostructured bulk solids, films and coatings, quantum dots and wires. This issue of Reviews on Advanced Materials Science (RAMS) Journal is the fourth one of five issues containing selected papers presented at the Conference.

This issue will be of interest to researchers and graduate students in the field of nanostructured materials science and nanotechnologies. It can be also useful for engineers who are involved in production and processing of nanostructured materials for functional and structural applications.

I would like to greatly acknowledge the significant contribution of the international organizing committee: E.C. Aifantis (Greece), G.-M. Chow (Singapore), M.Yu. Gutkin (Russia), J.Th.M. De Hosson (The Netherlands), G. Kirakiadis (Greece), E. Lavernia (USA), C.S. Pande (USA), S. Seal (USA), R.D. Shull (USA), G. Skandan (USA), B. Straumal (Russia), V. Teixeira (Portugal), T. Tsakalakos (USA), M. Upmanyu (USA).

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