

## Foreword

The Third Workshop on Metastable and Nanostructured Materials, NANOMAT2006, was held in Military Engineering Institute, Rio de Janeiro, Brazil, from 5<sup>th</sup> to 8<sup>th</sup>, June 2006, with the financial support of the Program of Metallurgical & Materials Engineering of Federal University of Rio de Janeiro, PEMM-COPPE/UFRJ and the Research Funding Agencies (CNPq, FAPERJ, FINEP and CAPES).

Following a successful second Workshop held in 2003, the NANOMAT2006 was organized to provide an extra forum for discussion on Metastable and Nanostructured Materials for the Brazilian and Latin America Communities. The main purpose of the workshop was achieved with the participation of researches from countries as Argentina, Brazil, Canada, China, India, France, Russia, Spain and USA.

The workshop was organized into 15 plenary talks, 18 oral presentations and 55 posters presentations with contributions in all areas of Metastable and Nanostructured Materials. From the papers presented at the Workshop, 25 have been submitted and approved for publication in these Proceedings and in the Materials Science Forum after a peer review process. The papers selected cover a wide range of topics related to syntheses, processing, characterization, and properties of materials such as glassy alloys, amorphous alloys, metallic alloys, ionic conducting metallic glasses, magnetic materials, core-shell nanoparticles, ceramic nanopowder, melt spin metallic ribbons and polymers nanocomposites.

On behalf of the Organizing Committee we would like to express our most sincere thanks to all participants in the event and to the support staff for their collaboration during all the organization of the workshop.

Dilson Silva dos Santos  
Chairman  
NANOMAT2006