



11th International Conference on Advanced Materials VIII Encontro SBPMat

Rio de Janeiro | September 20 – 25
www.icam2009.com



Honorary President:
Sergio Rezende

State Ministry of Science and Technology, Brazil

Conference Chairman:
Guillermo Solórzano (PUC-Rio)

Program Chair:
Elisa Saitovitch (CBPF-Rio)

Symposia - Call for Papers

Nanoscience and Nanotechnology

- Advances on Nanocomposites: Synthesis and Applications
- Mechanical Properties of Materials at the Nanometer Length Scales
- Carbon Nanostructures: from Properties to Applications
- Synthesis, Characterization and Properties of Inorganic Nanoparticles
- Magnetic Materials at the Nanoscale
- Solving Nanostructures through Electron Microscopy

Health and Biological Materials

- Medical Applications of Nanotechnology
- New Development in Biomaterials
- New Materials and Processes for Sensing and Biosensing

Functional and Electronic Materials

- Designer Polymeric Nano and Micro-Structures
- Materials and Processes for Large-Area Electronics
- Protective Coating: Advanced Surface Engineering
- Current Trends in Oxide Materials
- Functional Materials For Organic Electronic and Nanotechnology

IUMRS Energy Forum

E-MRS Innovation Workshop

Energy and Environment

- Materials for Portable Energy Sources
- Innovation in Fuel Cells: from Materials to Novel Devices
- Environmental Friendly Materials
- Frontiers in Photonic and Photovoltaic Materials and Processes
- Materials for Nuclear Power Generation
- Materials for Direct Energy Conversion Systems

Structural Materials

- Advances in Structural Ceramics - from Processing to Applications
- Structures and Properties of Metastable Materials
- New Developments in the Processing and Applications of Cu-ad Mo-Base Alloys
- Advanced Processing of Structural Materials

Theory and Phenomena

- Computational Modeling and Data Driven Materials Discovery
- Phase Transformation in Metallic Systems: Current issues

General Interest

- Materials Education: Resources, Opportunities and Challenges
- From Theory to Experiment: Advances in engineering materials

Global Nanotechnology Network (GNN) Workshop

Commercial Exhibition

IMPORTANT DATES

| | |
|-----------------------------------|----------------------|
| Release of Call for Papers | January, 2009 |
| Abstracts Deadline | May 30, 2009 |
| Abstracts Acceptance | June 30, 2009 |
| Early Registration | July 15, 2009 |

Organized by the Brazilian MRS
Sociedade Brasileira de Pesquisa em Materiais

Under the auspices of the International Union
of Materials Research Societies – IUMRS

Venue: Windson Convention Center-Barra, Rio de Janeiro

SBPMat
Brazil-MRS

Sponsors



Support



CBPF