

# Functionalized Nanoscale Materials, Devices, and Systems for chem.-bio Sensors, Photonics, and Energy Generation and Storage

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Sinaia, Romania**

## Co-Directors

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## Organizing Committee

- ◆ A. Erdem, Turkey
- ◆ I. N. Mihailescu, Romania
- ◆ J. Schoonman, Netherlands
- ◆ I. Stamatiu, Romania
- ◆ S. Tamulevicius, Lithuania
- ◆ A. Vaseashta, USA

## Important Dates

- ◆ Abstract submission by: **March 1, 2007**
- ◆ Notification of acceptance: **March 15-30, 2007**
- ◆ Confirmation of support: **April 1-15, 2007**
- ◆ Manuscripts due: **During registration but no later than June 10, 2007**

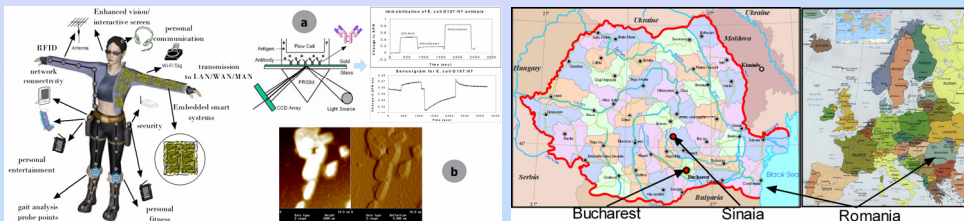


## Topics

- Nanostructured, nanocrystalline, and advanced electronic materials
- Nanostructured materials for energy conversion and storage
- Functionalized nanostructured materials for chem.-biosensor applications
- Nanomaterials in environmental pollution detection, monitoring, and remediation
- Nanophotonics: Fundamental aspects and applications.
- Nanostructured materials for clean hydrogen production and storage
- Functionalized nanostructures synthesis by laser processing approaches
- Functionalized nanomaterials in medicine, biology, opto-electronics and sensing.
- Fate and transport of nanomaterials: Protection of Public/Worker/Military
- Nanomaterials in protective clothing and e-textile (system on fibers)
- Standards Development in Nanotechnologies.

## Invited Lecturers

- ◆ D. Batani, Italy
- ◆ I. Boyd, U.K.
- ◆ U. Dekhtyar, Latvia
- ◆ U. Kreibig, Germany
- ◆ W. Maser, Spain
- ◆ I. N. Mihailescu, Romania
- ◆ J. Schou, Denmark
- ◆ J. Schoonman, Netherlands
- ◆ M. Sentis, France
- ◆ T. Szorenyi, Hungary
- ◆ S. Tamulevicius, Lithuania
- ◆ R. Tenne, Israel
- ◆ A. Vaseashta, USA



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