

INVITATION

You are cordially invited to participate in the "NANO2012" International Conference on Nanostructured Materials which will be held August 26-31, 2012, at the Rodos Palace Convention Center located in Rhodes, Greece. The overall objectives of the Conference are to:

- Provide a Vehicle of Exchange of Ideas, Techniques, Experiments and Applications in the exciting and rapidly developing Field of Nanomaterials and Nanotechnologies
- Welcome a New Breed of Scientists and Engineers who offer Novel Ideas and Future Directions for the NANO Community
- Commemorate the Success of Nanostructured Materials Conferences for the past Twenty Years by an extraordinary gathering of Past, Present and Future NanoScientists
- Promote Unique Opportunities for Collaborative Research among various countries including emerging countries in the Middle East, Arab World and Africa, due to their proximity to the NANO2012 Conference location
- Develop a Unified Approach in the assessment and management of potential human health, energy-related and environmental risks that may be associated with the use of Nanostructured Materials and Nanotechnologies
- Consider the social/ethical implications of Nanostructured Materials and Nanotechnologies
- Explicate the Legal, Business and Intellectual Property issues that influence the transition from research to commercialization of Nanostructured Materials and Nanotechnologies
- Identify priority areas of Research and Development that are considered to have the greatest contribution to Society, Science and Industry

IMPORTANT DEADLINES

Paper Submissions: **May 1, 2012**
Acceptance Notifications: **June 1, 2012**
Early Registration: **May 1, 2012**

REGISTRATION FEES*

	Before May 1	After
Full Registration	€ 460	€ 485
Student/Retiree	€ 250	€ 260
Companion	€ 150	€ 170

Onsite
Full Registration € 560

Student/Retiree € 300
Companion € 200

*Payment by Credit Card will be additional fee

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For More Information:

<http://www.nano2012.org>



Rodos Palace Convention Center

XI International Conference on Nanostructured Materials

Rhodes, Greece

First Announcement Call for Papers

ORGANIZING COMMITTEE

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INTERNATIONAL COMMITTEE ON NANOSTRUCTURED MATERIALS

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Prof. **En Ma**, Johns Hopkins University (Maryland)

Prof. **Deliang Zhang**, University of Waikato (New Zealand)

INVITED SPEAKERS

An extensive number of Prominent Experts in
the field of Nanostructured Materials and
Nanotechnologies have been invited including
Nobel Laureates.

GENERAL INFORMATION

Date: August 26 – 31, 2012

Location: Rhodes Island, Greece

Expertise: Academia, Industry, National Labs,
Private Sectors, Government Agencies, etc.

Conference Language: English

Conference Presentations: Plenary Talks,
Keynote Speakers, Invited Lecturers, Posters,
Round Table Discussions, Special Sessions,
Plenary Sessions, Summary Report

Visa Requirements: Contact the Conference
Secretariat for special letters of invitation

Proceedings: Authors are invited to submit
manuscripts for publication in a special issue
commemorating the 20th Anniversary of
Nanostructured Materials Conferences

Awards: Best Paper/Poster awards will be given
to students and young scientists. In addition, a
number of awards are planned for past and
current members of the Nano Scientific
Community

Venue: Rodos Palace Convention Center offers
exceptionally stylish accommodations, meeting
rooms, 18 restaurants, and much more

Transportation: Rhodes is accessible by air/boat
from Athens, Greece and flights directly from
over 70 countries worldwide

Social Program: Several Events are planned in
conjunction with Triaena Congress S.A.

TOPICS

- Review of Current and Future Trends of Nanostructured Materials and Nanotechnologies
- Nanostructured Materials for Energy Applications
- Nanomagnetism
- Mechanical Behavior of Nanostructured Materials
- Nanoelectronics, Nanodevices and Sensors (MEMS, NEMS...)
- 2D Molecular Self-assembling on Surfaces and Surface Functionalization
- Atomic Clusters and Atomic Manipulation
- Advanced Characterization Techniques of Nanostructured
- Optical and Thermal Properties
- Functional Nanomaterials
- Modeling and Simulation of Nanostructures
- Materials with Controlled Nanostructure via Chemical Methods
- NanoMedicine
- Nanocomposites Materials and Multiscale Materials
- Organic-inorganic Hybrid Materials
- Nanomaterials for Information Storage
- Nanoparticles
- Nanostructured Semiconductors
- Environment and Nanotoxicology
- Carbon Nanotubes and Grapheme
- Nanobiotechnologies
- Nanometrology
- Nanophotonics
- Defects in Nanostructures
- Applications of Nanostructured Materials
- Ethical and Social Issues Associated with Nanostructured Materials and Nanotechnology
- Legal, Business and Intellectual Issues that influence the transition from Research to Commercialization of Nanostructured Materials and Nanotechnologies