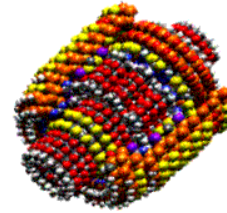


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Second Announcement and Call for Papers

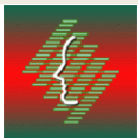


ISNM-6 6TH INTERNATIONAL SYMPOSIUM ON NANOMANUFACTURING

Nanomanufacturing Systems, Processes and Simulation



Conference Coordinator:



Prof. George Chryssolouris

Laboratory for Manufacturing Systems and Automation
Department of Mechanical Engineering and Aeronautics
University of Patras

**November 12-14, 2008
ATHENS, GREECE**

INTRODUCTION

Research and technology developments at atomic, molecular or macromolecular levels have the potential to provide a fundamental understanding of phenomena and materials on a nanoscale and to create and use structures, devices and systems that have novel properties and functions because of their small and/or intermediate size. The objectives of ISNM-6 are to address current and future challenges and advances in **nanomanufacturing systems, processes and simulation** by bringing together the manufacturing and the nanotechnology industrial and scientific communities. ISNM-6 will be hosted by the University of Patras, Laboratory for Manufacturing Systems and Automation, in Athens between 12th and 14th November, 2008. This Symposium follows the highly successful series of ISNM conferences that have been held over the last 5 years.

TOPICS

Original contributions are now sought after, in all research and education areas of the ISNM-6, related to nanomanufacturing, including but not limited to:

- Nanomaterial production and integration
- 2D patterning, 3D templating and fabrication/synthesis processes
- Bottom-up directed/self-assembly
- Metrology, sensing and characterization
- Manipulation and actuation
- Instrumentation, tooling, equipment
- Modeling, simulation and control - fluidics, energetics etc
- Design, optimization and control
- NEMS and MEMS nanomanufacturing
- Biomimetics and biomanufacturing
- Biomedical devices and tissue engineering
- Biological and chemical nanosensors
- Health, safety and environmental aspects
- Socio-economic aspects of nanomanufacturing
- Nanomanufacturing in industry

CONFERENCE LANGUAGE

The conference language is English.

VENUE

The conference will be held in Athens, Greece, at the Astir Palace Hotels, Vouliagmeni (<http://www.astir-palace.com/en/index.php>).

Additional information can be found on the conference web-site:

<http://www.lms.mech.upatras.gr/ISNM6/venue/index.html>).

IMPORTANT DATES

Prospective authors are invited to submit, in English, extended one-page abstracts by 15th June, 2008. A copyright of the paper resides with the authors.

Submission of a paper grants permission to the ISNM-6 Conference Scientific and Organising Committees to include it in the conference material and to place it on relevant website(s). Instructions for submission of extended abstracts are provided on the conference web site: <http://www.lms.mech.upatras.gr/isnm6/call-for-papers/index.html>. All extended abstracts will be peer reviewed by independent reviewers, and those accepted will be assigned for presentation either to oral or poster sessions. Authors should indicate whether they would like to be considered for oral or poster presentations. Manuscripts of full papers will be invited for publication in the ISNM-6 CD-ROM Proceedings.

Extended Abstract Submission
Notification of acceptance
Final Manuscript
Early registration

June 15, 2008
July 15, 2008
September 15, 2008
September 15, 2008

CONFERENCE FEE

The conference fee for early registration is valid before 15th of September, 2008. Fees include conference attendance, proceedings, coffee breaks, lunches, and a banquet.

Early registration	400 €
Student Early registration	200 €
Late registration	450 €
Student late registration	250 €

ACCOMMODATION

A block of rooms has been reserved in three different hotels. Contact details can be found in the conference web site.

Hotel:	Single	Double
ASTIR Palace Vouliagmeni Hotel (Conf. Venue) (http://www.astir-palace.com/en/index.php)	165 €	195 €
The Margi Hotel (http://www.themargi.gr/welcome.htm)	126 €	135 €
Armonia Hotel (http://www.armonia.gr/index.html)	54 €	63 €

*11,18% VAT is not included

INFORMATION

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For continuous information, please look at:

<http://www.lms.mech.upatras.gr/ISNM6>