

# ORGANIC, INORGANIC AND BIO - MOLECULAR NANOSTRUCTURES: FROM FUNDAMENTAL SCIENCE TO APPLICATIONS



**5<sup>th</sup> SLONANO conference**

**20.-21. September 2006,**

**Institute Jožef Stefan Ljubljana,  
Slovenia**

**First announcement**

## Organising Committee

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Denis Arčon, Institut Jožef Stefan, Ljubljana, Slovenia  
Dragan Mihailović, Institut Jožef Stefan, Ljubljana, Slovenia  
Gvido Bratina, University of Nova Gorica Slovenia  
Maurizio Prato, University of Trieste, Italy  
Andrea Goldoni, Sinchrotrone Elettra-Trieste, Italy

## Scope

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Annual SLONANO conferences were organised since 2002 as a Slovenian nanoscience and nanotechnology meetings. This year the conference is jointly organised by Institute Jozef Stefan, University of Nova Gorica and University of Trieste. The meeting thus became regional meeting, but the basic idea of the conference remain the same: It is indented to foster rapid exchange of results, ideas and know-how in the field of nanotechnology. A special care is devoted to young scientists and they are strongly encouraged to present their work.

## Subjects

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### **MATERIALS**

- Carbon nanostructures: from fullerenes to nanotubes
- Inorganic nanotubes and nanowires (TiO<sub>2</sub>-derived nanostructures, MoS<sub>2</sub> nanostructures, ...)
- Bionanostructures ( DNA, proteins, ...)
- Molecular electronics
- Biomimetics
- Self-assembled surface nanostructures
- Nanoscale interfaces

### **TOPICS**

The meeting will focus on selected topics in nanoscience and nanotechnology:

Electronic, magnetic, functional, sensoric and structural properties of nanostructures.

## Time and location

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Conference will be conducted from

**September 20 to September 21, 2006**

at the Institute Jožef Stefan, Ljubljana, Slovenia.

All participants of the conference needing accommodation during the conference are kindly requested to contact Mrs. Andreja Berglez (e-mail: [andreja.berglez@ijs.si](mailto:andreja.berglez@ijs.si)) for assistance. Buffet lunch will be organised at the Institute Jožef Stefan.

## Program

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We will organise four sessions:

- Fullerenes and carbon nanotubes,
- Inorganic nanotubes and nanoribbons,
- Bionanotechnology,
- Molecular electronics.

Each session will be opened by invited speakers – leading experts in their fields. Short oral presentations that will follow will be reserved for young scientists from the region. Poster session will be also organised on September 20 during the lunch break.

## Preliminary list of invited speakers

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Andrew Briggs, University of Oxford, UK (confirmed)

Kosmas Prassides, University of Durham, UK (confirmed)

J.H. Jefferson, QinetiQ, Great Malvern, UK (confirmed)

Luc Brohan, Institut des Matériaux J. Rouxel, Nantes, France (confirmed)

James F. Scott, University of Cambridge, UK (confirmed)

Erio Tossati, ICTP, Trieste, Italy

Andrea Goldoni, Sinchrotrone Elettra-Trieste, Italy

Serena Margadonna, University of Edinburgh, UK (confirmed)

Mauro Ricco, University of Parma, Italy (confirmed)

Alexandre Glotter, Université Paris-Sud, France (confirmed)

Chris Ewels, University of Nantes, France (confirmed)

Nikos Tagmatarchis, University of Athens, Greece (confirmed)

dr. Andrej Zorko, Institute Jozef Stefan, Slovenia (confirmed)

H. J. Kim, Korea Basic Science Institute, Korea (confirmed)

Igor Djerd, MPI, Berlin, Germany

Paolo Facci, S3-INFN-CNR, Modena, Italy (confirmed)

Silvano deFranceschi, TASC, Trieste, Italy

## Registration and abstract submission

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Deadlines for applications are:

- Abstract submission: September 1, 2006
- Registration: September 10, 2006

Participants can find template files on the conference homepage:

[http://titan.ijs.si/Pulsed\\_ESR/slonano-06/index.html](http://titan.ijs.si/Pulsed_ESR/slonano-06/index.html)

All abstracts and registration forms should be sent via e-mail to  
[andreja.berglez@ijs.si](mailto:andreja.berglez@ijs.si)

## Travel

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The Ljubljana airport lies 23 km outside of Ljubljana and is called Brnik, Tel: +386 (0) 4 206 1981, 4 206 1229.

Several airlines depart from Brnik such as:

Adria Airways, Tel: +386 (0) 80 1300, 1 431 3000, +386 (0) 4 236 3462

Air France, Tel.: +386 (0) 1 251 5361, +386 (0) 4 202 3650

Austrian Airlines, Tel: +386 (0) 1 436 1283

British Airways, Tel: +386 (0) 1 300 1000, 4 206 1744

Lufthansa, Tel: +386 (0) 1 434 7246, +386 (0) 4 202 3122

Swissair, Tel: +386 (0) 1 569 1010

There is regular bus connection to Ljubljana main bus station (once per hour, last bus at 8 p.m.). Taxi fare cost from the airport to Ljubljana is approximately 5000 SIT (~20 Euro).

If you need any assistance in arranging your travel please do not hesitate to contact conference secretary Mrs. Andreja Berglez (tel: +386 1 477 3456, e-mail: [andreja.berglez@ijs.si](mailto:andreja.berglez@ijs.si))

## Further information

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Requests and further information should be sent to:

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