

## INTERNATIONAL SCIENTIFIC COMMITTEE

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(Eindhoven University of Technology and Dutch Polymer Institute, The Netherlands)

### Franciska Sundholm

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## INTERNATIONAL ORGANIZING COMMITTEE

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### Françoise Lauprêtre

(Laboratoire de Recherche sur les Polymères, France)

### Franciska Sundholm

(University of Helsinki, Finland)

## LOCAL ORGANIZING COMMITTEE

### Chair:

#### Igor Emri

(Center for Experimental Mechanics, Slovenia)

### Vice-chair:

#### Urška Florjančič

(Center for Experimental Mechanics, Slovenia)

#### Anatoli Nikonov

(Center for Experimental Mechanics, Slovenia)

#### Robert Cvelbar

(Center for Experimental Mechanics, Slovenia)

### Secretary:

#### Jana Jarm

(Center for Experimental Mechanics, Slovenia)

## CONFERENCE VENUE

The conference will be held in Bled, located about 50 km from Ljubljana, the capital of Slovenia. The Airport Ljubljana has direct flights to several destinations in Europe with connections world wide.



Bled with its surroundings of natural beauty, is a jewel among the alpine resorts and is widely known for its mild curative climate and the thermal lake water.

Beauty of the mountains reflecting on the lake surface, sun, tranquility and fresh air arouse the most pleasant feelings in any season of the year and provide the ideal conditions for a peaceful rest or more active vacations. Bled is a place, which attracts people from every part of the world, young and old, of various professions. Its unique beauty and charm always make them want to return.



## SCOPE OF THE CONFERENCE

ESF SUPERNET Program, entitled Experimental and Theoretical Investigation of Complex Polymer Structures, is aimed to combine the complementary expertise of leading European research groups in the experimental and theoretical study of polymer networks and block copolymers to gain a deeper understanding of two fundamental questions: first, the process of formation of complex topological structures such as dendrimers, branched polymers, and multicomponent or interpenetrating polymer networks of varying topologies, and second, the correlation between the final material properties and the chemical structure of constituent monomers or polymers.

SUPERNET 2004 Conference will close successful multidisciplinary ESF SUPERNET Program, which is mainly focused on the bulk properties of polymers as construction materials.

The scope of the conference **SUPERNET 2004: Multiscale Phenomena in Material Structure Formation** is to overview the most relevant results of 5 years old ESF SUPERNET Program and to discuss new approaches to polymer systems as multifunctional intelligent polymer devices for different applications (multifunctional polymer films, biocompatible surfaces, vehicles for drug delivery, intelligent materials for medical and structural applications, etc.). The unique combination of synthesis, characterization, theory and modeling allows a synergy for the elaboration and optimization of novel multi-responsive materials with fine-tuned properties and for their future application in industry.

## CONFERENCE STRUCTURE

The conference consists of invited lectures and poster presentations, which will be selected from the general call for papers. **Deadline for submission of abstracts for poster sessions is March 31, 2004.**

For selected number of young participants, presenting a poster, the financial support for accommodation will be provided.

## DATES TO REMEMBER

### **March 31, 2004:**

Submission of one page abstracts for poster presentations via e-mail:

[supernet@fs.uni-lj.si](mailto:supernet@fs.uni-lj.si)

### **April 7, 2004:**

Notification to authors of posters

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## CONFERENCE SECRETARIAT

**Ms. Jana Jarm**, Secretary

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1000 Ljubljana, Slovenia  
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# SUPERNET

## 2004

### Multiscale Phenomena in Material Structure Formation

Euroconference on Experimental  
and Theoretical Investigation of  
Complex Polymer Structures  
(SUPERNET)

**May 9-16, 2004**  
**Hotel Golf, Bled, Slovenia**

Under the auspices of  
**EUROPEAN SCIENCE FOUNDATION**  
and  
**CENTER FOR EXPERIMENTAL MECHANICS**



