

Scope

The International Symposium "Trends in Nanoscience 2009" will bring together scientists from both chemistry and physics, addressing experimental as well as theoretical issues of the topics given below. The meeting aims at promoting our understanding of the organization, interactions and control schemes of complex nanosystems and, by trying to relate structure and function, will advance knowledge leading ultimately to new technologies.

Scientific Program

The program will include talks and poster sessions. The number of participants is limited to 170.

Social Events

Reception and Banquet, Concerts, Excursion to Castles of Neuschwanstein or Hohenschwangau.

Registration (online)

Conference fee is **650 EUR** (early registration), **700 EUR** (regular registration) for sharing a double room (**including all meals, accommodation and social events**). Single rooms are available on request at an extra charge. All rooms have their own bathrooms.

Please note that the reservation is valid only after receipt of the conference fee.

Topics

Magnetic Nanostructures

- G. Bauer (TU Delft, NL)
- P. Müller (University of Erlangen–Nürnberg, D)
- S. Parkin (IBM Almaden, USA)

Molecular Electronics

- R. Berndt (University of Kiel, D)
- K. Flensberg (University of Copenhagen, DK)
- W. Hofer (University of Liverpool, UK)
- A. Köhler (University of Bayreuth, D)
- B. Koslowski (University of Ulm, D)
- J. van Ruitenbeek (Leiden University, NL)

Nanochemistry & Self-Organization

- D. Anselmetti (University of Bielefeld, D)
- M. Antonietti (MPI KGF Golm, D)
- J. Brujic (New York University, USA)
- G. Granozzi (University of Padua, I)
- T. Homma (Waseda University, J)
- B. H. Hoster (University of Ulm, D)
- B. Kasemo (Göteborg University, S)
- J. Vancso (University of Twente, NL)
- F. Würthner (University of Würzburg, D)

Nanomechanics

- M. Blencowe (Dartmouth College, USA)
- A. Cleland (University of California, USA)
- T. Kippenberg (MPI for Quantum Optics, D)

Nanooptics

- J.-M. Gérard (CEA/INAC, Grenoble, F)
- R. Huber (University of Konstanz, D)
- T. Kuhn (University of Münster, D)
- N. van Hulst (ICFO Barcelona, E)
- A. Zumbusch (University of Konstanz, D)

Quantum Materials & Quantum Transport

- J. Ankerhold (University of Ulm, D)
- K. Ensslin (ETH Zurich, CH)
- V. I. Falko (Lancaster University, UK)
- A. Geim (University of Manchester, UK)
- W. Wulfhchel (University of Karlsruhe)
- D. Zumbühl (University of Basel, CH)

Deadlines

December 1, 2008: Early registration
January 15, 2009: Abstract submission

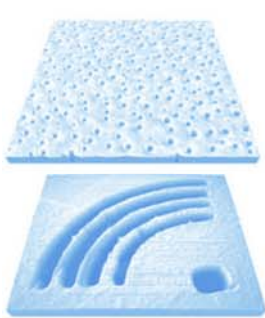
Further Information

<http://www.uni-ulm.de/sfb569/irsee>

<http://www.uni-konstanz.de/sfb767/irsee>

<http://www.nanonetz-bw.de>





Location

The conference site in the former monastery Irsee, near Kaufbeuren. **Kloster Irsee** (<http://www.kloster-irsee.de/en>) can be reached:

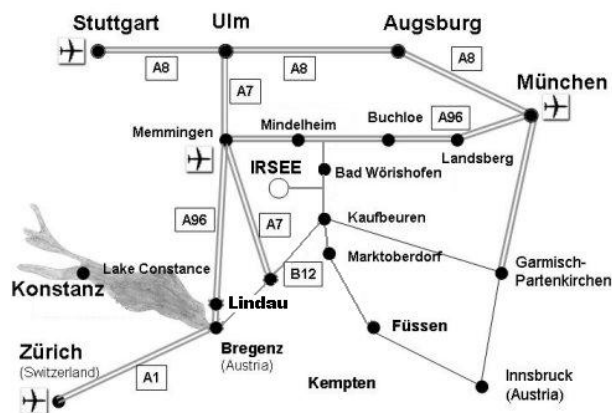
by **car**:

Autobahn A96 (München-Lindau), exit Bad Wörishofen, towards Kaufbeuren

by **train/plane**:

Connections from Augsburg, Ulm, München and Zürich to **Kaufbeuren** (the nearest intercity railway station, 10 km away), then by taxi to Kloster Irsee.

Closest airports are Memmingen, München, Stuttgart, and Zürich.



Trends in Nanoscience 2009

Organizing Committee

This meeting is organized by two Collaborative Research Centers of the Deutsche Forschungsgemeinschaft

SFB 569, University of Ulm

Hierarchic Structure Formation and Function of Organic-Inorganic Nanosystems

J. Behm, P. Bänderle, A. Groß, B. Körner, P. Ziemann

SFB 767, University of Konstanz

Controlled Nanosystems: Interaction and Interfacing to the Macroscale

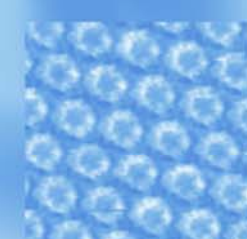
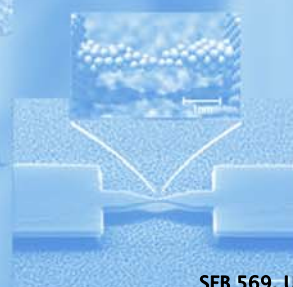
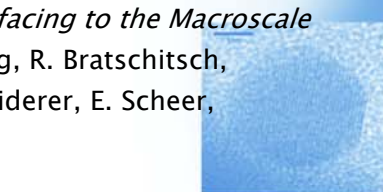
W. Belzig, J. Boneberg, R. Bratschitsch, L. Brusciaglioni, P. Leiderer, E. Scheer, A. Zumbusch

and the Research Network

Functional Nanostructures Baden-Württemberg
Th. Schimmel

February 28 –
March 4, 2009

Kloster Irsee
Germany



SFB 569, University of Ulm

SFB 767, University of Konstanz

Research Network "Functional Nanostructures"

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Deutsche Forschungsgemeinschaft

Landesstiftung Baden-Württemberg

