

Scope

The 4th International Symposium "Trends in Nanoscience 2013" will bring together scientists from chemistry, physics, and biology 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 180.

Topics and speakers

Magnetic Nanostructures

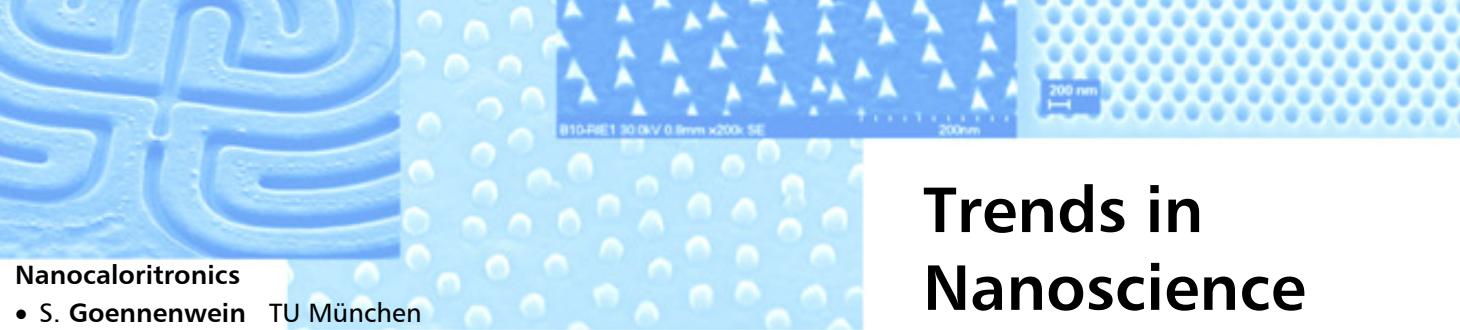
- J. Kröger TU Ilmenau
- F. Nolting PSI, Villigen
- G. Schütz MPI ISS Stuttgart
- H. Wende Universität Duisburg-Essen

Molecular Electronics & Quantum

- K. Franke Freie Universität Berlin
- M. Mayor Universität Basel
- F. Pauly Lawrence Berkely National Lab
- L. Venkataraman Columbia University, NY

Nanobiosciences

- W. Barthlott Universität Bonn
- H. Dietz TU München
- S. Gorb Christian-Albrechts-Universität Kiel
- Ch. Wege Universität Stuttgart



Nanocaloritronics

- S. Goennenwein TU München
- D. Hinze Universität Konstanz
- E. Saitoh Tohoku University

Nanomechanics & Nanotribology

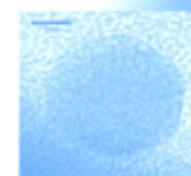
- Ch. Bruder Universität Basel
- Ch. Gerber Universität Basel
- A. Gölzhäuser Universität Bielefeld
- E. Weig LMU München

Nano optics

- L. Herz University of Oxford
- S. Joudkazis Swinburne University of Technology
- S. Maier Imperial College London
- J. Wrachtrup Universität Stuttgart
- J. Zaufseil Universität Erlangen-Nürnberg

Quantum Dots & Quantum Transport

- A. Brinkman University of Twente
- G. Burkard Universität Konstanz
- C. Stampfer Universität Aachen
- B. van Wees University of Groningen
- H. Xu University Lund



Selforganization

- L. Bergström Stockholm University
- J. Sagiv Weizmann Institute, Rehovot
- P. Weiss University of California, LA



Trends in Nanoscience 2013

February 24 - 28, 2013

Kloster Irsee
Germany

SFB 767, University of Konstanz
Competence Network
"Functional Nanostructures"
Baden-Württemberg



Further Information
<http://www.trends-in-nanoscience.de>
info@trends-in-nanoscience.de

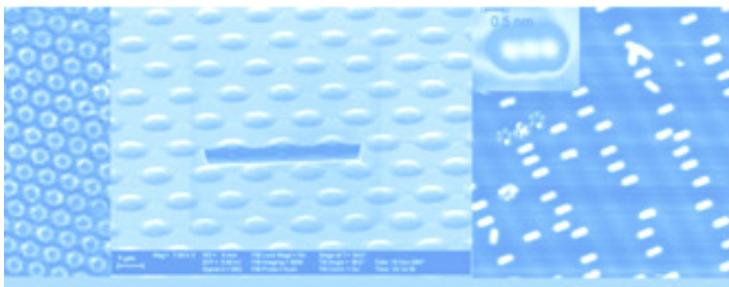


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**BADEN-
WÜRTTEMBERG**
STIFTUNG



Trends in Nanoscience 2013



This meeting is organized by
the Collaborative Research Center 767 (SFB 767)
of the Deutsche Forschungsgemeinschaft
*Controlled Nanosystems:
Interaction and Interfacing to the Macroscale*
at the University of Konstanz
and
the Competence Network of the
Baden-Württemberg Stiftung
Functional Nanostructures

Organizing Committee

Wolfgang Belzig, Johannes Boneberg,
Letizia Bruscaglioni, Ulrich Nowak,
Elke Scheer, Lukas Schmidt-Mende
University of Konstanz

Thomas Schimmel
Karlsruhe Institute of Technology (KIT)

Bernd Heise, Paul Ziemann
University of Ulm

Location

The conference site in the former monastery Irsee (Kloster Irsee) near Kaufbeuren will provide a comfortable environment for informal discussions.

Social Events

Reception and banquet, concert, excursion to Neuschwanstein Castle or alternatively to Hohenschwangau Castle.

Registration (online)

Conference fee is **850 EUR** (early registration) for sharing a double room including:

- all meals,
- accommodation, and
- social events.

A limited number of single rooms are available on request at an extra charge.

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

Deadlines

November 30, 2012:	Early registration
January 15, 2013:	Last minute registration and abstract submission based on availability

Kloster Irsee can be reached
(www.kloster-irsee.de/en)

by car

from North/West: from Ulm take the motorway A7 to Memmingen, change to the A96 towards München until Exit 19-Mindelheim, then follow signs towards Kaufbeuren,

from East: from München take the motorway A96 (Stuttgart-Lindau) until Exit 19-Mindelheim, then follow signs towards Kaufbeuren,

from South: from Bregenz/Lindau take the motorway A96 towards München until Exit 19-Mindelheim, then follow signs towards Kaufbeuren;



by train

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

by plane

nearest airports are Friedrichshafen, Memmingen, München, Stuttgart, and Zürich.