



Baden-Baden Map/Directions



By car/coach: Motorway **A5** Basel / Frankfurt, **A8** Munich / Karlsruhe, Federal Highway **B500** France / Black Forest / Switzerland; Motorway Exit "Baden-Baden".

By train: The train station Baden-Baden is a stop for ICE/EC/IC/IR trains as well as all other regional trains. Main lines: Basel / Hamburg, Basel / Rhineland, Basel / Berlin and Paris / Vienna via Stuttgart and Munich. From the train station Baden-Baden Oos and all other bus stops you can reach the city centre and the surroundings comfortable and fast **by bus**.

By plane: International airports: Karlsruhe/Baden-Baden 15 km, Frankfurt 170 km, Stuttgart 100 km, Basel 160 km, Zurich 300 km, Strasbourg 60 km

Contact

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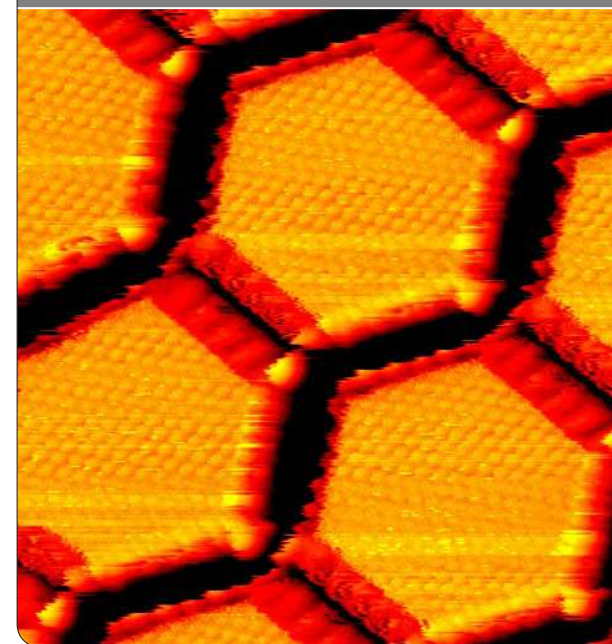
Surface-Confined Synthesis of Nanostructures

Winter School

French-German University
Université Franco-Allemande (UFA)

ufa.surfnano@int.kit.edu

17–20 February 2014
Baden-Baden • Germany



Objectives

The winter school will cover all areas related to surface-confined synthesis of molecular nanostructures (covalent C-C coupling reactions, supramolecular self-assembly, graphene and graphene-like 2D materials, implementation and integration of molecular nanostructures into nanosystems including photonics, spintronics, bioresponse, etc.).

The conference is devised for Ph.D. students and young postdocs from France and Germany working at the interface of materials science, surface physics and supramolecular chemistry, with the aim of understanding molecular processes at surfaces at a molecular level.

We invite you to join us in making this a memorable event.

Confirmed Invited Speakers

Prof. J.V. Barth, TU München
Dr. S. Berciaud, IPCMS, Strasbourg
Prof. R. Fasel, EMPA, Thun
Prof. H. Fuchs, Wilhelms-University, Münster
Prof. A. Gourdon, CEMES-CNRS, Toulouse
Prof. S. Hecht, Humboldt-University, Berlin
Dr. habil. F. Klappenberger, TU München
Prof. M. Lackinger, Deutsches Museum
Prof. L. Porte, IM2NP, Marseille
Prof. P. Samorì, University of Strasbourg
Prof. D. Schlüter, ETH, Zürich
Dr. G. Schull, IPCMS, Strasbourg
Prof. H. Weber, University of Erlangen

Programme

Introductory lectures on

- fundamentals of phenomena at surfaces boundary and the design of functional molecular nanostructures
- fundamentals of the control of complex molecules and highly-organized supramolecular architectures at the atomic scale
- fundamentals of experimental approaches towards achieving generally applicable principles of nanostructured device fabrication and function

Advanced lectures on

- supramolecular self-assembly
- covalent C-C couplings
- graphene and graphene-like 2D materials
- implementation and integration into nanosystems

Winter school includes

- full board
- poster session with contributions of all participants
- dedicated question sessions
- ample time for discussions and sports activities

Organisators

Prof. A.-J. Attias
The French Alternative Energies and Atomic Energy Commission (CEA)/DSM/INAC/SPRAM, Grenoble

Prof. M. Ruben
Karlsruhe Institute of Technology (KIT)
Institute of Nanotechnology (INT), Karlsruhe/
IPCMS-CNRS University of Strasbourg
www.ruben-group.de

Supported by

Université Franco-Allemande /
Deutsch-Französische Hochschule

Registration Form

Participant details

Title:
First Name:*
Family Name:*
Department:
Organisation/University:*
Street:*
City:*
ZIP:
Country:*
Phone number:
Fax number:
E-mail address*:

Please send registration information to ufa.surfnano@int.kit.edu

Registration deadline
20.12.2013

Conference Fee
300€ (double room)

Conference Location / Accommodation

Hotel Magnetberg Baden-Baden
Scheibenstrasse 18
76530 Baden-Baden
Germany
www.hotel-magnetberg.de