



Scientific Program

The detailed Scientific Program will be available in the second announcement. Further information and updates will be made available at the website www.biosupramol.de.

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Venue

Freie Universität Berlin
Institut für Chemie und Biochemie
Organische Chemie
Takustr. 3, Lecture Hall
Proteinbiochemie
Thielallee 63

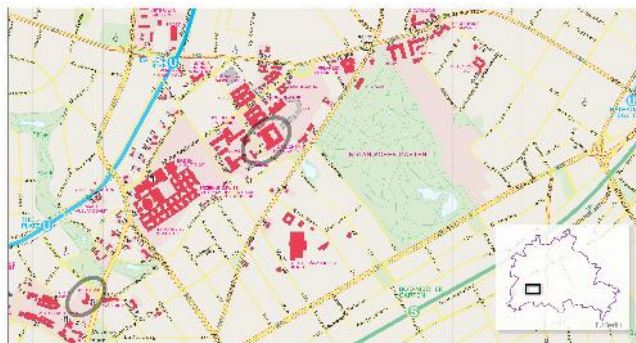
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Flyer Design: Achim Wiedekind

Core Facility BioSupraMol NMR spectroscopy in chemistry and biochemistry

Summer School | September 11-12, 2014



Summer School 2014 of the Core Facility BioSupraMol:

NMR spectroscopy in chemistry and biochemistry

The Core Facility kindly invites you to join the Summer School 2014 on “NMR spectroscopy in chemistry and biochemistry”.

The 2-days course focuses on the analysis of structure and dynamics of biochemical systems by nuclear magnetic resonance techniques.

In the **first part**, the basic principles of solution as well as solid state NMR spectroscopy will be introduced. Furthermore we will present an overview of different fields of methods and applications including STD, MRI, DNP and material science. The first day focuses on the broad versatility of NMR in structural research.

Examples of state-of-the-art applications will be presented on the **second day** covering recent advances in the field of protein dynamics and structure elucidation of membrane and intrinsically disordered proteins. Newest technical developments will be introduced by Bruker BioSpin.

After the presentations there will be the chance to visit the NMR facility of the Freie Universität Berlin.



Mapping protein ligand interactions by NMR spectroscopy

Course participants will be accepted based on their written application and CV. The number of participants is limited to 60. Lunch and Dinner is included upon registration.

September 11 – 12, 2014
Freie Universität Berlin
Berlin-Dahlem, Germany

Please register till: July 31, 2014
www.biosupramol.de

Speakers

- **John Gross**
University of California, San Francisco, USA
- **Volker Dötsch**
Goethe Universität Frankfurt am Main, D
- **Christoph Rademacher**
Max-Planck-Institut für Kolloid- und Grenzflächenforschung, Berlin, D
- **Monika Beerbaum**
FMP Berlin, D
- **Leif Schröder**
FMP Berlin, D
- **Barth van Rossum**
FMP Berlin, D
- **Daniel Mathieu**
Bruker BioSpin GmbH, Rheinstetten, D
- **Jana Sticht**
Freie Universität Berlin, D
- **Sascha Lange**
Freie Universität Berlin, D
- **Christian Freund**
Freie Universität Berlin, D



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