Scientific Program

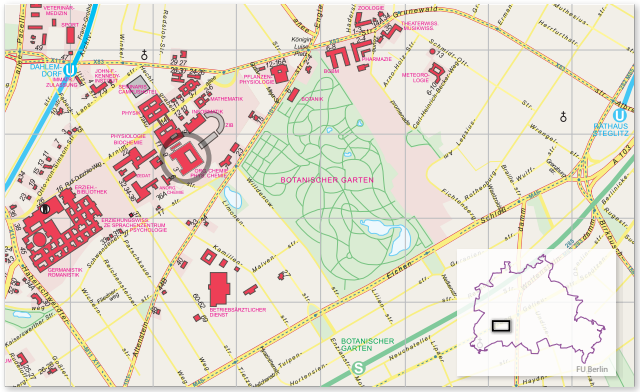
The detailed Scientific Program will be available in the second announcement. Further information and updates will be made available progressively through the website: www.biosupramol.de.

Prof. Dr. Christoph Schalley
Institute for Chemistry and Biochemistry
Freie Universität Berlin
Takustr. 3
14195 Berlin, Germany
Phone ++49 30 838-52639
Email christoph@schalley-lab.de

Local Organization

Katharina Tebel
Institute for Chemistry and Biochemistry
Freie Universität Berlin
Takustr. 3
14195 Berlin, Germany
Phone ++49 30 838-53547
Fax ++49 30 838-56612
Email 2insy@sfb765.de

Dr. Hans v. Berlepsch
Research Center of Electron Microscopy,
Institute for Chemistry and Biochemistry,
Freie Universität Berlin
Fabeckstr. 36a
14195 Berlin, Germany
Phone ++49 30 838-53982
Fax ++49 30 838-56589
Email h.v.berlepsch@fzem.fu-berlin.de



Flyer Design: Achim Wiedekind

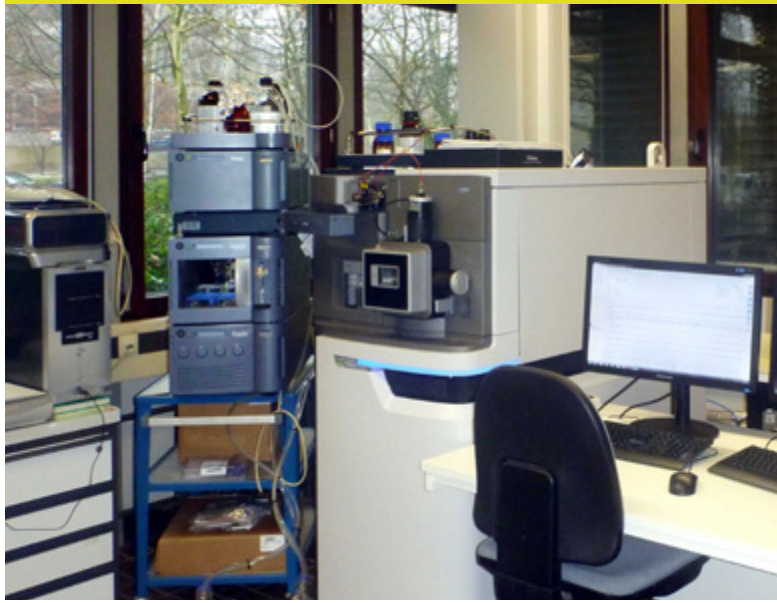
Freie Universität Berlin

Helmholtz-Zentrum Geesthacht
Zentrum für Material- und Küstenforschung

Core Facility BioSupraMol

Mass spectrometry in supramolecular chemistry and biochemistry

Summer School | September 19-20, 2013



BioSupraMol Core Facility

DFG

Summer School 2013

of the Core Facility BioSupraMol "Mass spectrometry in supramolecular chemistry and biochemistry"

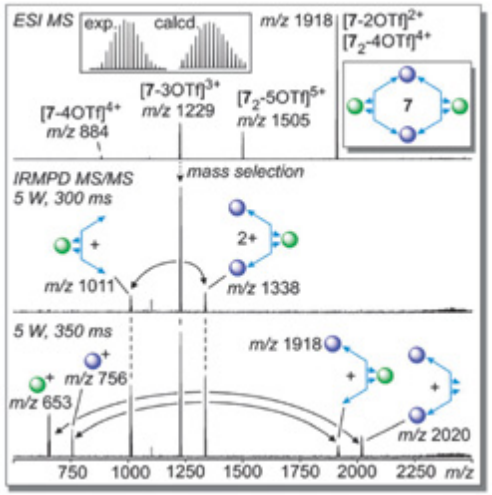
The Core Facility BioSupraMol kindly invites you to join the first Summer School 2013 on "Mass spectrometry in supramolecular chemistry and biochemistry".

The 2-days course focuses on the analysis of supramolecular and biochemical systems using advanced mass spectrometry techniques.

In the **first part**, an introduction to mass spectrometry including the principles of ionization and mass analysis will be presented, including ESI and MALDI as well as different MS/MS techniques. The examples will focus on the analysis of supramolecular and biomolecular species. One example would be a typical proteomics workflow.

The standard methods are rounded up in the **second section** by presentations of cutting-edge research of the emerging field of ion mobility - mass spectrometry including protein-protein interactions, TWIMS, collision cross section determination and others.

Short demonstrations of the instrumentation accessible in the Core Facility BioSupraMol will conclude the summer school.



tandem mass spectrometry of a supramolecular complex

Course participants will be accepted based on their written application and CV. The number of participants of the summer school is limited to 60.

All participants have the opportunity to present a poster.

September 19 – 20, 2013
Freie Universität Berlin
Berlin-Dahlem, Germany

Registration deadline: July 31, 2013

www.biosupramol.de

Speakers

- Kevin Pagel
  Fritz-Haber-Institut der MPG Berlin, D
- Gert von Helden
  Fritz-Haber-Institut der MPG Berlin, D
- Perdita Barran
  University of Edinburgh, Scotland, UK
- Juri Rappsilber
  University of Edinburgh, Scotland, UK
  solicited
- Stephan Kühne
  Bruker Co., Bremen, D
- Alex Muck
  Waters Co., Frankfurt, D
- Christoph Schalley
  Freie Universität Berlin, D
- Andreas Springer
  Freie Universität Berlin, D
- Christoph Weise
  Freie Universität Berlin, D

Core Facility
BioSupraMol