

GRADUATE SCHOOL
SOLVATION SCIENCE (GSS)

FIRST GSS SUMMER SCHOOL

„Ruhr Explores SOLVation“

**10th - 13th June
2014**



RUHR-UNIVERSITÄT BOCHUM
Conference Center



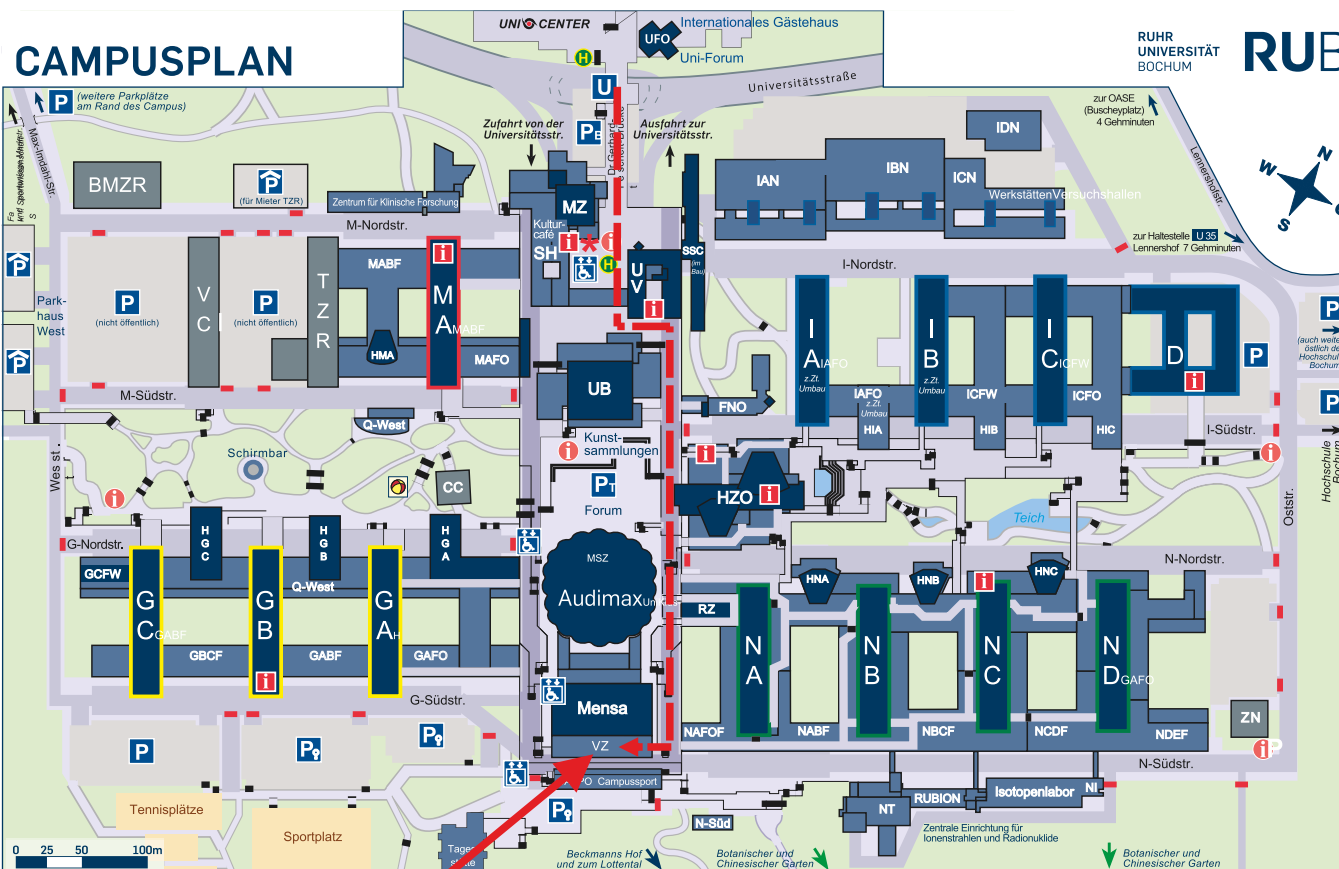
WELCOME TO THE RUHR-UNIVERSITY BOCHUM

How to get to the Conference Center Universitätsstr. 150, 44801 Bochum: The best thing is to travel to the RUB-Station (U 35) and then go by foot. Walk past the university library and the Audimax, keep walking south and take the stairs next to the Mensa in order to get to the Conference Center (Veranstaltungszentrum). Alternatively you can also take the elevator inside the Mensa (Bistro).

REGISTRATION

Registration is free of charge, but necessary for participation in the Summer School Courses and Advanced Modules.

Deadline is **Sunday 25th May, 2014**, please see <http://www.ruhr-uni-bochum.de/gss/SuSch/registration.html.en> for details.



Conference Center

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PROGRAMME

10.06.2014 RUB Conference Center

- 09:00 - 09:15 **Prof. Dr. Elmar Weiler, Rector RUB**
Welcome
- 09:15 - 10:00 **Philip Ball, Science Writer, UK**
„Communicating Science“
- 10:00 - 10:45 **Daniel Harries, Fritz Haber Center, University of Jerusalem, Israel**
„Solvation and Depletion Forces as a Driving Force for Self-Assembly“
- 10:45 - 11:15 *Coffee Break*
- 11:15 - 12:00 **Minhaeng Cho, Korea University, Seoul**
„Nonlinear Electronic and Vibrational Spectroscopic Probing of Solvation Dynamics“
- 12:00 - 12:45 **James M. Lisy, University of Illinois, USA**
„Combining Infrared Photodissociation Spectroscopy with Density Functional Theory-Molecular Dynamics; A Marriage of Experiment and Theory to Address Intermolecular Interactions Relevant to Solvation“
- 12:45 - 14:15 *Lunch*
- 14:15 - 15:30 *Insight into Research Area A, B or C*
- 15:30 - 16:00 *Coffee Break*
- 16:00 - 17:00 *Insight into Research Area A, B or C*
- 17:30 - 21:00 *Poster Session I and Dinner*

11.06.2014 RUB Conference Center

- 09:15 - 10:00 **Eckhard Weidner, RUB, Germany**
„Career Opportunities in Science and Technology“
- 10:00 - 10:45 **Gary J. Pielak, University of North Carolina at Chapel Hill, USA**
„Protein Stability in Living Cells“
- 10:45 - 11:15 *Coffee Break*
- 11:15 - 12:00 **Michael Duncan, University of Georgia, USA**
„Cation Solvation in Clusters studied with Selected-Ion Infrared Photodissociation Spectroscopy“
- 12:00 - 12:45 **Konrad Tiefenbacher, Technical University of Munich, Germany**
„Enzyme-like Catalysis in Self-Assembled Aromatic Cavities“
- 12:45 - 14:15 *Lunch*
- 14:15 - 15:30 *Insight into Research Area A, B or C*
- 15:30 - 16:00 *Coffee Break*
- 16:00 - 17:00 *Insight into Research Area A, B or C*
- 17:30 - 21:00 *Poster Session II and Dinner*



12.06.2014 Labs of participating institutions

- 09:00 - 13:00 *Advanced Modules I*
- 13:00 - 14:00 *Lunch*
- 14:00 - 17:00 *Advanced Modules I*

13.06.2014 Labs of participating institutions

- 09:00 - 13:00 *Advanced Modules II*
- 13:00 - 14:00 *Lunch*
- 14:00 - 17:00 *Advanced Modules II*
- 17:30 - 22:30 **Beckmanns Hof BBQ and closing words**
JP. Tobias Fieback

This Summer School is held in conjunction with the following institutes:

