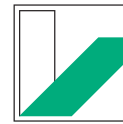




Scientific Symposium – 1 GHz Spectrometer

November 18, 2016, Tagungsraum Studentenwerk Oberfranken

08:55	Opening Prof. Dr. Stefan Leible, President, University of Bayreuth
	Chair: Stephan Schwarzinger
09:00	Stefan Knauer (Bayreuth) NMR spectroscopy on supramolecular systems - deciphering bacterial transcription
09:30	Christian Seutter von Loetzen (Bayreuth) The sweet secret of PR-10 class allergens
10:00	Heinrich Sticht (Erlangen) Molecular dynamics simulations as a tool to investigate protein conformational stability
10:30	Coffeebreak
	Chair: Stephan Schwarzinger
11:00	Jens Meiler (Nashville) Membrane protein structure prediction integrating limited experimental data
11:30	Vladimir Sklenar (Brno) Order in disorder - atomic resolution studies of intrinsically disordered proteins
12:00	Frank Laukien (Boston) NMR spectrometer technology 1 GHz and beyond
12:30	Lunch
	Chair: Stefan Knauer
13:30	Björn Burmann (Basel) Chaperone:substrate complexes. From basic function to their role in health and disease
14:00	Hans-Robert Kalbitzer (Regensburg) Detection of rare conformational states by high-field-high-pressure NMR spectroscopy
14:30	Dieter Willbold (Düsseldorf) A β oligomer eliminating substances slow down neurodegeneration and enhance cognition in transgenic Alzheimer's disease mouse models
15:00	Coffeebreak
	Chair: Christian Seutter von Loetzen
15:30	Michael Sattler (München) High-field NMR to study biomolecular recognition and dynamics in solution
16:00	Volker Dötsch (Frankfurt) 2 inactive 4 destruction - mechanism of genetic quality control in oocytes
16:30	Harald Schwalbe (Frankfurt) Understanding the molecular mechanism of RNA based regulation by NMR and beyond
17:00	Peter Bayer (Duisburg) Inhibiting protein-protein interaction by supramolecular ligands
17:35	Closing
10:30–15:30	Visit the Gig
15:30–17:30	Visit the Food Analysis Lab



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17:45 **Shuttlebus** – Uni Bt -> H4-Hotel -> Maisel's Brewery

From 18:30 Scientific Evening Discussions
Maisel's Brewery (walking distance from H4 Hotel)

Dinner Speech **Prof. Dr. Max Gottesman**
Columbia University

Micromagic **Dr. Stefan Knauer**

