



Workshop Program

Wednesday 25/09	
	Arrival
19:00	Welcome Address (Conference Room)
19:15	Welcome Dinner
Thursday 26/09	
09:00 - 09:55	Martina Havenith Ruhr-University Bochum <i>Some like it cool – THz absorption studies of Anti Freeze Proteins</i>
10:00 - 10:55	Roland Netz FU Berlin <i>Role of water in peptide friction</i>
11:00 - 11:30	Coffee
11:30 - 11:55	Kevin Kubarych University of Michigan <i>An ultrafast view of protein hydration: from dilute solution to a macromolecular crowd</i>
12:00 - 12:55	Ken A. Dill Stony Brook University <i>The SEA Water model aims to be as fast as implicit and as physical as explicit</i>
13:00 - 15:00	Lunch
15:00 - 15:55	Bertil Halle Lund University <i>Protein hydration dynamics: from solution to cell</i>
16:00 - 16:25	Jeetain Mittal Lehigh University <i>Hydration contribution to the collapse transition in (non)polar peptides</i>
16:30 - 17:00	Coffee
17:00 - 17:25	Brigitte Buchli Universität Zürich <i>Water friction dominates slow dynamics of a photoswitchable allosteric protein</i>
17:30 - 17:55	Diego Prada Garcia FRIAS, Universität Freiburg <i>Towards the Free-Energy Landscape characterisation of water: from bulk to solvation</i>
18:00 - 18:25	Volker Knecht Universität Freiburg <i>Peptide aggregation in diseases and immune response - computational and experimental studies</i>
18:45	Dinner
Friday 27/09	
09:00 - 09:55	Martin Gruebele University of Illinois at Urbana-Champaign <i>Folding: from in vitro into the cell</i>
10:00 - 10:55	John E. Straub Boston University <i>The complex role of solvation in protein association and aggregation in micelles and membranes</i>
11:00 - 11:30	Coffee

Program (continued)

11:30 - 11:55	Kresten Lindorff-Larsen University of Copenhagen <i>Combining NMR and simulation to study protein dynamics</i>
12:00 - 12:55	Teresa Head-Gordon University of California, Berkeley <i>Solvation influences on structural and dynamical properties of peptides, proteins and macromolecular assemblies</i>
13:00 - 15:00	Lunch
15:00 - 17:00	Walking Activity
18:45 - 20:00	Dinner
20:00 - 21:30	Poster Session with Dessert Buffet

Saturday 28/09

09:00 - 09:55	Thomas Kiefhaber TU München <i>Local conformational fluctuations in proteins and peptides measured by triplet-triplet energy transfer (TTET).</i>
10:00 - 10:55	Wilfred van Gunsteren ETH Zürich <i>On models of liquid water for use in biomolecular simulation</i>
11:00 - 11:30	Coffee
11:30 - 11:55	Simon Ebbinghaus Ruhr-University Bochum & University of Freiburg <i>Protein aggregation - from crowded environments to in vivo models</i>
12:00 - 12:55	Benoit Roux University of Chicago <i>Recovery from slow inactivation in K⁺ channels controlled by water molecules</i>
13:00 - 15:00	Lunch
15:00 - 15:55	Ben Schuler Universität Zürich <i>Molecular crowding modulates the conformational distributions of intrinsically disordered proteins</i>
16:00 - 16:25	Michael Feig Michigan State University <i>Crowding effects on protein structure and dynamics</i>
16:30 - 17:00	Coffee
17:00 - 17:30	Summary - Closing Remarks
18:45 - 20:00	Dinner

Sunday 29/09

10:00	Departure of Bus Shuttle back to Freiburg Main Station and FRIAS
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