

Schedule – Research Course

26 February

12:30	<i>Registration</i>		
13:30	<i>Welcome</i>		
14:00	Simone Techert	DESY & U Göttingen	
15:00	Arwen Pearson	U Hamburg & CFEL	Understanding the role of water in biochemistry
16:00	<i>coffee break</i>		
16:30	Thomas Loerting	U Innsbruck	Crystalline and Amorphous Ices

27 February

09:00	Hanns-Peter Liermann	DESY	Cycling H ₂ O into the Earth, its influence on the interior dynamics and the surface
10:00	Stephan Klemme	U Münster	Element transport by supercritical hydrous fluids deep inside the Earth
11:00	<i>coffee break</i>		
11:30	Jochen Küpper	DESY & U Hamburg	H ₂ O fundamentals from symmetry to chemical reactions
12:30	<i>lunch break</i>		
14:00	Bridget Murphy	U Kiel	Structures and dynamics at liquid interfaces
15:00	Michael Fröba	U Hamburg	Properties of Water Confined in Periodic Mesoporous Organosilicas: Nanoimprinting the Local Structure
16:00	<i>coffee break</i>		
16:30	Thomas Kühne	U Paderborn	The name is bond - Hydrogen bond
18:00	<i>Poster session</i>		

28 February

09:30	Thomas Elsässer	MBI Berlin	Ultrafast Hydration Dynamics of Protons and Biomolecules Mapped by Two-Dimensional Infrared Spectroscopy
10:30	<i>coffee break</i>		
11:00	Robin Santra	DESY & U Hamburg	Adiabatic and nonadiabatic dynamics in water
12:00	<i>lunch break</i>		
14:00	Melanie Schnell	DESY & U Kiel	Understanding solvation – a bottom-up spectroscopy approach
15:00	Christian Bressler	European XFEL	
16:00	<i>coffee break</i>		
16:30	Lars Pettersson	Stockholm U	A Two-State Picture of Water and the Funnel of Life
17:30	Giulio Monaco	U Trento	The high-frequency dynamics of water probed with inelastic X-ray scattering
19:00	<i>Dinner</i>		

Schedule – Symposium

1 March

08:30	<i>Registration</i>		
09:00	<i>Welcome</i>		
09:30	Sander Woutersen	<i>Amsterdam U</i>	New light on water: from liquid-liquid transitions to "biological water"
10:30	<i>coffee break</i>		
11:00	Dwayne Miller	<i>MPSD & U Toronto</i>	Atomic Level Understanding of Water Under Strongly Driven Phase Transitions: Achieving Fundamental (Single Cell) Limits to Minimally Invasive Surgery and Biodiagnostics
12:00	<i>lunch break</i>		
14:00	Lars Pettersson	<i>Stockholm U</i>	Water Structure from Modeling and Scattering
15:00	Peter Hamm	<i>U Zürich</i>	2D-Raman-THz Spectroscopy of Water and Aqueous Salt Solutions
16:00	<i>coffee break</i>		
16:30	Paola Gallo	<i>U Rome III</i>	Exploring the mysteries of supercooled water through the Widom line and the fragile to strong transition
17:30	<i>Discussion and Wrap-up</i>		
