

Schedule – Research Course

27 February

13:30	<i>Registration</i>		
14:30	<i>Welcome</i>		
15:00	Ulrike Fröhling	<i>U Hamburg</i>	Ultrafast electron dynamics studied by THz-streaking
16:00	Daniela Pfannkuche	<i>U Hamburg</i>	Ultrafast Quantum Chemistry with Matrix-Product-States
18:00	<i>Poster session</i>		

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09:30	Rebecca Boll	<i>European XFEL</i>	Strongly Nonlinear Photon-Matter Interaction in X-ray Free-Electron Laser Pulses
10:30	<i>coffee break</i>		
11:00	Sadia Bari	<i>DESY</i>	Gas-phase biomolecules at advanced light sources
12:00	<i>lunch break</i>		
14:00	Nina Rohringer	<i>DESY & U Hamburg</i>	Collective decay mechanisms following saturated inner-shell x-ray excitation
15:00	<i>coffee break</i>		
15:30	Melanie Schnell	<i>DESY & U Kiel</i>	Following PAH astrophysics using a multi-spectroscopic approach
16:30	Juliette Simonet	<i>U Hamburg</i>	Magnetic phenomena for neutral atoms: Floquet engineering in optical lattices
18:30	<i>Dinner</i>		Dinner talk by Arwen Pearson

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09:00	Francesca Calegari	<i>DESY & U Hamburg</i>	Attosecond Science: real-time tracking of the electron dynamics in matter
10:00	<i>coffee break</i>		
10:30	Simone Techert	<i>DESY & U Göttingen</i>	Guidance for Using the Time-resolution of Synchrotrons and Free Electron Lasers in Chemical Research
11:30	Saša Bajt	<i>DESY</i>	Some exciting new developments in X-ray optics
12:30	<i>Closure</i>		
