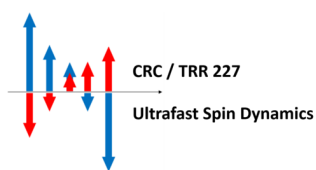


iRTG CRC/TRR 227 “Ultrafast Spin Dynamics”



iRTG Summer School 2023

10 – 12 July 2023 at COCONAT, Klein Glien (Bad Belzig)

Monday 10.07.2023	
Time	
09:30 – 10:00	Arrival/Breakfast and Check-In
10:00 – 10:30	Welcome and Introduction (Britta Anstötz)
10:30 – 11:30	Anna Roslowska - Probing light-matter interaction with atomic precision
11:30 – 11:45	Coffee Break
11:45 – 12:15	Franziska Ziolkowski - Simulation of Ultrafast Magnetization Dynamics, Interface Currents, and Spin Transport in Bilayer systems
12:15 – 12:45	Oliver Busch - Ultrafast dynamics of photo-induced spin and orbital angular momentum and their currents
13:00 – 14:00	Lunch Break
14:00 – 15:00	Mathias Kläui - Spin-orbitronics - ultrafast chiral interactions and spin dynamics of topologically non-trivial spin structures
15:00 – 15:30	Wolfgang Hoppe - Investigation of ultrafast current pulses in the GHz and THz regime
15:30 – 16:30	Active Yoga Break
16:30 – 19:00	Poster Session
19:00 – open end	Dinner

Tuesday 11.07.2023	
Time	
08:00 – 09:00	Breakfast
09:00 – 10:00	Gregory Malinowski - Hot-electron transport and ultrafast magnetization dynamics in magnetic multilayers induced by femtosecond laser pulse excitation
10:00 – 10:30	Rouven Dreyer - Towards novel concepts for magnonic applications
10:30 – 11:00	Maximilian Mattern - Tailoring heterostructures to disentangle strain and heat effects on magnetization precession
11:00 – 11:15	Coffee Break
11:15 – 12:15	Laëtitia Farinacci - Free dynamics of atomic spins
12:15 – 12:45	Sergey Trishin - Magnetic nanostructures on MoS ₂ /Au(111)
13:00 – 14:00	Lunch
14:00 – 19:00	Social Event at Burg Eisenhardt
19:00 – Open End	Dinner

Wednesday 12.07.2023	
Time	
08:00 – 09:00	Breakfast
09:00 – 10:30	Sangeeta Sharma and John Kay Dewhurst
10:30 – 11:00	Martin Borchert - Laboratory-based ultrafast TM L- and RE M-edge soft X-ray magnetic spectroscopy and scattering
11:00 – 11:15	Coffee Break
11:15 – 11:45	Tania Mukherjee - Modelling of ARPES signal on two dimensional van der Waals ferromagnetic material
11:45 – 12:15	Johanna Richter - Element-specific magnetization dynamics: From measurement to physical quantity
12:15 – 12:45	PhD Representative Report and Discussion
13:00 – 14:00	Lunch and Departure