

Program - TRR227 Retreat 2018-2

Venue: Akademie Berlin-Schmöckwitz

Date	Time slot	Project	PI / Presenter	Title		
03 December	<i>approx. 10:15</i>	Arrival		Welcome refreshments: Coffee & Cookies		
	Chair: M. Weinelt	10:50 - 11:00	Welcome	M. Weinelt		
		11:00 - 12:00	Tutorial 1	P. Oppeneer	<i>Fundamentals of light-driven ultrafast spin dynamics in magnetic materials</i>	
		12:00 - 12:30	Project A04	S. Sharma	<i>Optically Induced Spin Transfer - OISTR</i>	
		12:30 - 14:00	Lunch			
	Chair: K. Franke	14:00 - 15:00	Tutorial 2	M. Meinert	<i>Electrical switching of antiferromagnetic CuMnAs and Mn₂Au</i>	
		15:00 - 15:30	Project A05/B02	T. Kampfrath	<i>Ultrafast spin transport vs ultrafast demagnetization</i>	
		15:30 - 16:00	Project B01/B02	G. Woltersdorf	<i>Ultrafast spin currents and spin torques in metallic layers</i>	
		16:00 - 16:30	Coffee break			
		16:00 - 19:00	Poster session	all projects not presented in a talk - (~15 TPs incl. iRTG)		
		19:00 - 21:00	Dinner			
		21:00 -	Get-together	Beer / wine		
	04 December	Chair: I. Mertig	09:00 - 10:00	Tutorial 3	M. Münzenberg	<i>Ways towards optical spin manipulation in topological systems</i>
			10:00 - 10:30	Project A08	U. Atxitia	<i>Modeling of the ultrafast spin dynamics in rare-earths metals</i>
			10:30 - 11:15	Coffee break		
Chair: G. Woltersdorf		11:15 - 12:15	Tutorial 4	A. Kalashnikova	<i>Spin waves in ferromagnetic metallic and multiferroic nanostructures</i>	
			12:15 - 13:30	Lunch		
Chair: U. Atxitia		13:30 - 14:30	Tutorial 5	J. Gorchon	<i>Ultrafast heating via ultrashort excitations</i>	
		14:30 - 15:30	Meeting	all PIs	PI Meeting	