

Program of the Kick-off Meeting of the CRC/TRR 227

Ultrafast Spin Dynamics

March 22, 2018

Chair: M. Weinelt	12:00		<i>Welcome & refreshments</i>	
	12:30	Theo Rasing	<i>Radboud U, Nijmegen</i>	Controlling magnetism by light
	13:15	Ulrich Nowak	<i>U Konstanz</i>	Spin dynamics in ferro-, ferri- and antiferromagnets
14:00 – 14:30		<i>Coffee break</i>		
Chair: K. Franke	14:30	Tomas Jungwirth	<i>ASCR, Prague</i>	THz electrical writing speed in an antiferromagnetic memory
	15:15	Sebastian Loth	<i>U Stuttgart</i>	Ultrafast scanning tunneling microscopy for studies of electron and spin dynamics
16:00 – 16:30		<i>Coffee break</i>		
Chair: I. Mertig	16:30	Andrea Eschenlohr	<i>U Duisburg-Essen</i>	Femtosecond spin transport and spin-dependent charge transfer at Co/Cu(001) interfaces
	17:15	Hans Christian Schneider	<i>U Kaiserslautern</i>	Ultrafast magnetization change from electronic scattering dynamics
	18:00	Jean-Yves Bigot	<i>U Strasbourg</i>	From femtomagnetism to ultrafast magneto-acoustics
19:30		Dinner (Harnack-Haus der Max-Planck-Gesellschaft)		

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Chair: M. Wolf	9:00	Rudolf Bratschitsch	<i>U Münster</i>	Ultrafast dynamics in atomically thin semiconductors
	9:45	Alexey Chernikov	<i>U Regensburg</i>	Coulomb interactions in atomically thin semiconductors
10:30 – 11:00		<i>Coffee break</i>		
Chair: G. Woltersdorf	11:00	Sebastian Goennenwein	<i>TU Dresden</i>	Spin current transport across magnet/metal interfaces
	11:45	David G. Cahill	<i>U of Illinois, Urbana-Champaign</i>	Picosecond spin caloritronics
12:30 – 13:45		<i>Lunch break</i>		

Chair: T. Kampfrath	13:45	Hermann Dürr	<i>U Uppsala</i>	Non-equilibrium spin-lattice coupling in FePt probed by x-rays and electrons
	14:30	Martin Aeschlimann	<i>U Kaiserslautern</i>	Light induced magnetization dynamics
	15:15		<i>Closing remarks & Farewell</i>	