

**TRR227 Retreat 2018-1: 02./03.07.2018 - MLU Halle ( @ IAMO) - Program**

Date	Time slot	Project	PI, Presenter	Title
02 July	09:30 - 09:50	<b>A03</b>	<b>Pontius</b> /Föhlisch	Element-specific view on ultrafast spin and orbital angular momentum redistribution
	09:50 - 10:10	<b>A04</b>	<b>Sharma</b>	Theoretical simulation of the probe in pump-probe experiments: MOKE, MCD, and PES
	10:10 - 10:30	<b>A06</b>	Widdra/Chiang	Nanometer-resolved ultrafast spin and electron dynamics at magnetic surfaces
	10:30 - 11:00	<i>Coffee break</i>		provided by the MLU groups
	11:00 - 11:20	<b>A08</b>	<b>Atxitia</b>	Multiscale modeling of ultrafast spin dynamics
	11:20 - 11:40	<b>A09</b>	<b>Rettig</b>	Ultrafast magnetization dynamics and spin transport in magnetic oxide heterostructures
	11:40 - 12:00	<b>B01</b>	Woltersdorf/Melnikov	Ultrafast spin currents and spin torques studied by (non-) linear magneto-optics
	12:00 - 13:30	<i>Lunch</i>		Cartering by Barner Event
	13:30 - 14:10	<b>B02</b>	<b>.../Woltersdorf/Schmidt</b>	Ultrafast spintronic devices (parts Woltersdorf & Schmidt)
	14:10 - 14:30	<b>B03</b>	<b>Brouwer</b>	Time-dependent spin dynamics and electron transport
	14:30 -15:00	<i>Coffee break</i>		provided by the MLU groups
	15:00 - 15:30	<b>B04</b>	Mertig/Henk	Spin-dependent transport in inhomogeneous systems
	15:30 - 15:50	<b>B06</b>	<b>Barakdar</b>	Imaging and control of spatio-temporal spin dynamics in nanostructures
	15:50 - 16:10	<b>B09</b>	Marques, <b>Huran</b> (presenter)	Real-time (pseudo-)spin transport and dynamics in transition metal dichalcogenides
	16:10 -16:40	<i>Coffee break</i>		provided by the MLU groups
	16:40 - 17:00	<b>B05</b>	<b>Franke/Kampfrath</b>	Spin dynamics in atomically-precise nanostructures
	17:00 - 17:20	<b>A07</b>	<b>Kuch</b>	Bridging the time scales between ultrafast and precessional magnetization dynamics
	17:20 - 17:40	<b>B07</b>	<b>Ernstorfer/Wolf</b>	Momentum-resolved dynamics of relaxation processes and control of spins and pseudospins in TMDC-based spintronic heterostructures
	17:40 - 18:00	<b>B08</b>	<b>Bolotin/Gahl</b>	Ultrafast spin transport at the interface between TMDCs and metals
	19:00 - 21:00	<i>Dinner</i>		Down-town Halle (Hallesches Brauhaus)
03 July	09:00 - 09:20	<b>A01</b>	<b>Weinelt</b>	Ultrafast spin dynamics and its signature in the transient electronic structure
	09:20 - 09:40	<b>A02</b>	<b>Eisebitt</b> /v.Korff Schmising	Ultrafast spin dynamics in heterogeneous magnetic systems
	09:40 - 10:00	<b>A05</b>	<b>Kampfrath</b>	Elementary terahertz spin interactions in magnetic solids
	10:00 - 10:20	<b>B02</b>	<b>Kampfrath</b>	Ultrafast spintronic devices (part Kampfrath)
	10:20 - 11:50	TRR227	all PIs	PI Meeting (IAMO Lecture Hall)
	10:20 - 11:50		Halle groups	Lab tours (MLU campus)
	11:50 - 12:30	iRTG	all PhD students, Postdocs + Franke, Widdra, Seidt, Frischkorn	iRTG Meeting (IAMO Lecture Hall)