

# Program - TRR227 Retreat 2019-1

Venue: Leibniz-Institut für Agrarentwicklung in Transformationsökonomien - IAMO, Theodor-Lieser-Straße 2, 06120 Halle (Saale)

Date	Time slot	Project	PI / Presenter	Title	
20 June 2019	approx. 10:00	Arrival		Welcome refreshments: Coffee & Cookies	
	Chair: M. Weinelt	10:20 - 10:30	Welcome	M. Weinelt	
		10:30 - 11:30	Tutorial 1	M. Lorke	<i>Carrier dynamics and carrier localization in transition metal dichalcogenides</i>
		11:30 - 12:00	Project B08	K. Bolotin	<i>Guiding excitons in 2D semiconductors by strain and field gradients</i>
		12:00 - 14:00	Lunch	Catering by Barner Event	
	Chair: P. Brouwer	14:00 - 15:00	Tutorial 2	U. Wurstbauer	<i>Spin and valley properties in tunable 2D materials and artificial van der Waals solids</i>
		15:00 - 15:30	Project A09	L. Rettig	<i>Ultrafast dynamics in ferromagnetic and antiferromagnetic rare-earth compounds</i>
		15:30 - 16:30	Coffee break	Catering by Barner Event	
		15:30 - 18:30	Poster session	all projects not represented in a talk - (~15 TPs incl. iRTG)	
		19:00 - 21:00	Dinner	Down-town Halle (Hallesches Brauhaus)	
21 June 2019	Chair: I. Mertig	09:00 - 10:00	Tutorial 3	T. Korn	<i>Spin-valley dynamics in TMDC monolayers and van der Waals heterostructures</i>
		10:00 - 10:30	Project B09	C. Benavides (M. Marques)	<i>Theory of phonon-magnon interaction in semiconductors</i>
		10:30 - 11:15	Coffee break	Catering by Barner Event	
	Chair: G. Schmidt	11:15 - 12:15	Tutorial 4	A. Stier	<i>Fundamentals of excitons in atomically thin semiconductors: spin, mass and dielectric properties</i>
			12:15 - 13:30	Lunch	Catering by Barner Event
	Chair: G. Woltersdorf	13:30 - 14:00	Project B07	R. Ernstorfer	<i>Momentum-resolved ultrafast dynamics of excitons and phonons in transition metal dichalcogenides</i>
		14:00 - 14:30	Project B06	J. Berakdar	<i>Topological THz spin dynamics in structured antiferromagnets</i>
14:30 - 15:30		Meeting	all PIs	PI Meeting	