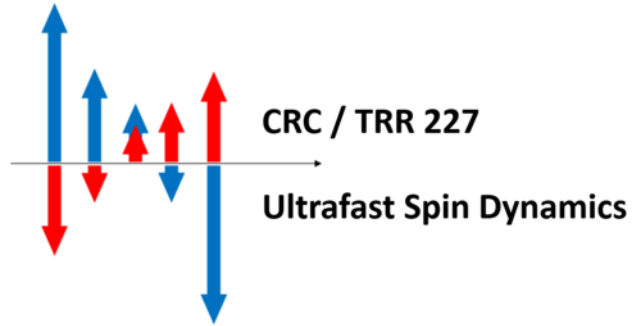


# iRTG Winter School 2019 – Program



Monday 25.02.2018		
Time	Name	Title
9:00 am	Bus departure Berlin-Südkreuz	
12:30 pm	Lunch	
2:00 pm	Jakob Walowski (Uni Greifswald)	Ultrafast spin dynamics: Fundamentals and all-optical magnetizations switching
3:00 pm	Coffee break	
3:30 pm	Anna Pogrebna (Uni Nijmegen)	Ultrafast magnetization dynamics in high magnetic fields
4:30 pm	Coffee break	
5:00 pm	Christoph Lange (Uni Regensburg)	Subcycle quantum dynamics of electronic charges, spins, and photons
6:00 pm	Dinner	
7:30 pm	Poster session	

Tuesday 26.02.2018		
Time	Name	Title
9:00 am	Frank M. z. Heringdorf (Uni Duisburg-Essen)	Ultrafast electron microscopy
10:00 am	Coffee break	
10:30 am	Katharina Franke (FU Berlin)	Nanomagnetism: stability of few-atom structures and requirements for measuring these time scales
11:30 pm	Coffee break	
12:00 pm	Wolfgang Kuch (FU Berlin)	X-ray magnetic circular dichroism in the absorption of soft x-rays
1:00 pm	Lunch	
2:00 pm	Can Onur Avci (ETH Zürich)	Spin-orbit torques in ferromagnetic heterostructures
3:00 pm	Glühwein boat trip	
6:00 pm	BBQ dinner with Glühwein and Knüppelkuchen	

Wednesday 27.02.2018		
Time	Name	Title
9:30 am	Ralph Ernstorfer (FHI Berlin)	Electron-phonon interaction: a historical perspective
10:30 am	Coffee break	
11:00 am	Wolf Widdra (MLU Halle-Wittenberg)	Low-energy excitations and electron-phonon coupling in oxide thin films
12:00 pm	Lunch	
1:00 pm	Departure PIs and guests	

## Programm PhD Student Seminar

Wednesday 27.02.2018		
Time	Name	Title
1:00 pm	Dominic Lawrenz (A01)	XMCD-R investigation of the static magnetization of Fe/Gd bilayers
1:30 pm	Kelvin Yao (A02)	Ultrafast X-ray magnetic circular Dichroism in the XUV
2:00 pm	Nisha Singh (A04)	Magnetic excitation with TDDFT
2:30 pm	Yannic Behovits (A05)	Ultrafast demagnetization in Fe thin films: THz vs. optical pumping
3:00 pm	Coffee break	
3:30 pm	Mathias Augstein (A06)	Growth, Characterization and Time-resolved 2PPE of Fe/MgO (001)
4:00 pm	Robin Kamrla (A06)	Surface photovoltage at the SiO <sub>2</sub> /Si(001) interface studied by pump-probe photoemission with high-order harmonics
4:30 pm	Liane Brandt (B01)	THz laser-induced perpendicular standing spin waves in metallic multilayers
5:00 pm	Reza Rouzegar (B02)	Ultrafast spin transport vs. ultrafast demagnetization
6:00 pm	Dinner and free time	

Thursday 28.02.2018		
Time	Name	Title
9:00 am	Rouven Dreyer (B02)	Spatially resolved imaging of local magnetization dynamics
9:30 am	Franziska Töpler (B04)	Symmetry selection rules for SHE and AHE
10:00 am	Sergey Trishin (B05)	Investigations of magnetic nanostructures with STM/AFM
10:30	Coffee break	
11:00 am	Dominik Schulze (B06)	Ultrafast spin dynamics and high harmonic generation in 2D systems
11:30 am	Britta Anstötz	Organization PhD conference 2020
12:00 pm	Lunch	
1:30 pm	Bus Departure	