

Research Training Group GRK 2039

Agenda 10th Seminar Day at KIT “Femtosecond spectroscopy” (29th Jun, 2017)

Thursday, Jun 29 th	Topic	Who is speaking
Meeting place CS/ B 30.42/ R 500 (OC seminar room 5 th floor)		
10.45 – 12.00	Chair: Bettina Fleck, Franziska Beyle Welcome! Introduction talks newcomers	Student's representatives
3 x [20 + 5]	<i>Introduction talks newcomers</i> <i>Photoswitching of fluorescent Peptide Transporters</i>	Tim Schober
	<i>Synthesis and Characterisation of Wavelength-shifting siRNA Probes using different fluorescent dyes</i>	Larissa Doll
	Xxx xxx	Xiaoqian Ge
13.00 – 14.00	Lecture	
	<i>Observation of photochemical and photophysical processes on a femtosecond time scale</i>	Andreas-Neil Unterreiner
14:00 – 14:10	Break	
14:10 – 14:50	GRK related projects	
2 x [15 + 5]	<i>Femtosecond spectroscopy of ongoing projects - part 1</i> <i>Femtosecond spectroscopy of ongoing projects - part 2</i>	Caroline Schweigert/ Philipp Jöckle
14:50 – 15.00	Break	
15:00 – 16:15	Lab tours 1 – 3	
Group A → Lab tour 1	Lab tour 1	Lab tour 2
Group B → Lab tour 2	<i>Experiment: How to handle femtosecond time delays manually?</i>	<i>White light continuum generation in different media and pump-probe setup for femtosecond spectroscopy</i>
Group C → Lab tour 3		
Group A → Lab tour 2	Lab tour 3	
Group B → Lab tour 3	<i>Generation of tunable femtosecond pulses (frequency conversion and NOPA technology)</i>	
Group C → Lab tour 1		
Group A → Lab tour 3		
Group B → Lab tour 1		
Group C → Lab tour 2		

16:45 – 17.30

Coffee break

17.30

Guest lecture

Eric Vauthey

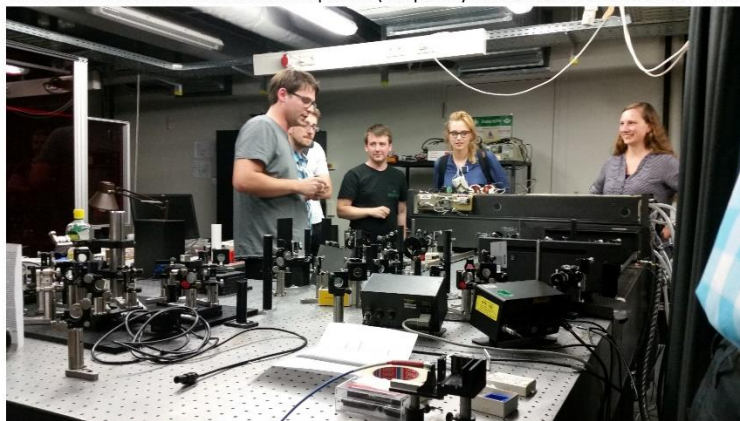
*Ultrafast excited-state dynamics of
environment-responsive dyes*

Group A: Becker Katharina, Bichelberger Mathilde, Mojaba Khonachah, Fanselau Katharina, Fleck Bettina, Schober Tim, Doll Larissa, Bantle Tobias

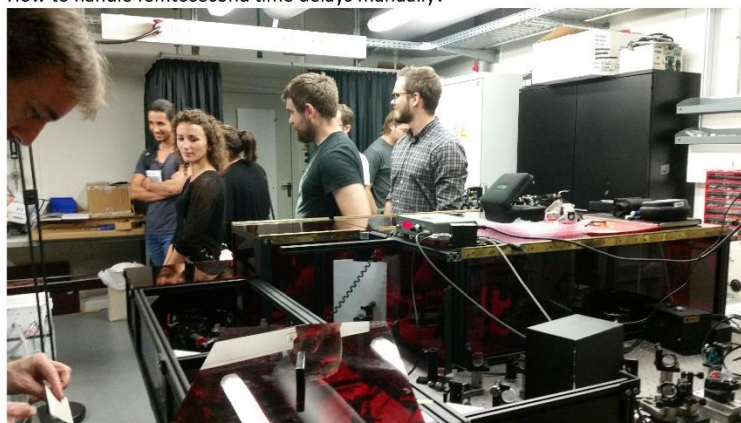
Group B: Carolin Heiler, Kabbeck Tobias, Kalyakina Alena, Franziska Rönicke, Lehmann Benjamin, Leidner Arnold, Münch Stephan, Khorenko Mikhail, Karcher Johannes

Group C: Schneider Violetta, Schwechheimer Christian, Steinmeyer Jeannine, Ge Xiaoqian, Wawryszyn Mirella, Wehl Ilona, Wörner Samantha, Beyle Franziska

Generation of tunable femtosecond pulses (frequency conversion and NOPA technology)



How to handle femtosecond time delays manually?



White light continuum generation and pump-probe setup for femtosecond spectroscopy

