

## Research Training Group GRK 2039

### 7<sup>th</sup> Seminar Day at the Institute for Physical Chemistry (26<sup>th</sup> Sep, 2016)

#### Topic: "Why Theory Rocks!"

Monday, Sep 26 <sup>th</sup>	Topic	Who is speaking
9:00-9:15	Welcome coffee and opening 7 <sup>th</sup> Seminar day	Hans-Achim Wagenknecht
<b>QM Tutorial</b>	<b>Chair: Bettina Olshausen</b>	
9:15-10:15	Introduction Lecture Quantum Mechanics (QM) Methods	Sebastian Höfener (AK Klopfer)
<b>10:15</b>	<b>Break</b>	
10:30-11:30	Basics Photochemistry/Fluorescence; Methods and Application	Igor Schapiro (Hebrew University of Jerusalem)
<b>11:30</b>	<b>Break</b>	
11:45-12:15	Projects	Violetta Schneider Franziska Beyle
<b>12:15-13:15</b>	<b>Lunch</b>	
<b>MM Tutorial</b>	<b>Chair: Katharina Fanselau</b>	
13:15-14:15	Introduction Lecture Molecular Dynamics (MD)	Marcus Elstner
<b>14:15</b>	<b>Break</b>	
14:30-15:30	FRET and MD; Fluorescence Anisotropy Experiments	Timo Graen (MPI Göttingen)
<b>Hands-on seminar</b>		
16:00-18:00	Tutorial on Excited State Calculations (computer lab 4 <sup>th</sup> floor)	Franziska Beyle Violetta Schneider