

Research Training Group

Agenda 4th Seminar Day in Kurhaus Trifels (15th – 16th Feb, 2016)

Topic: “Fluorescence and Single Molecule Spectroscopy”

Monday, Feb 15 th	Topic	Who is speaking
until 13:30	Arrival and check-in	
13:30-14:00	Welcome coffee and opening 4 th seminar day	Hans-Achim Wagenknecht
Lecture	Chair: Mathilde Bichelberger	
14:00-15:00	<i>Fluorescence Microscopy with Single Molecule Sensitivity.</i>	Ulrich Nienhaus
15:00	Break	
Lecture	Chair: Stephan Münch	
15:30-17:00	<i>Imaging protein modifications in cells.</i>	Andreas Zumbusch Universität Konstanz
17:30	Break	
Lecture	Chair: Jeannine Steinmeyer	
18:00-19:30	<i>Watching structure and dynamics of biomolecules and protein complexes by high-precision FRET in vitro and in live cells.</i>	Claus Seidel Universität Düsseldorf
19:45	Dinner	
21:00	<i>Project cooperation meetings/Get-together</i>	
Tuesday, Feb 16 th	Topic	Who is speaking
07:30	Breakfast	
Tutorial	Chair: Heidi-Kristin Walter	
09:00-09:15	<i>Novel lanthanide-based probes for bioapplications.</i>	Alena Kalyakina (A1)
09:20-09:35	<i>Synthesis of Novel Cyanine-Styryl-Dyes for Nucleic Acid Labelling.</i>	Christian Schwechheimer (B3)
09:40-09:55	<i>Novel fluorescent compounds for the early detection of melanoma.</i>	Bettina Olshausen (C2)
10:00	Break	

Lecture 10:30-12:00	Chair: Zbigniew Pianowski <i>Photophysics and photochemistry of Single molecules</i>	Thomas Basché Universität Mainz
12:30	Lunch	
13:30-14:00	Short summary and outlook	Hans-Achim Wagenknecht
14:00	Departure	

