

	Monday 05.12.		Tuesday 06.12.		Wednesday 07.12.		Thursday 08.12.		Friday 09.12.
08:00-8:30	Registration								
08:30 - 9:15	Welcome and Introduction to FCS (Don C. Lamb)	08:30 - 9:15	Raster Image Correlation Spectroscopy (Michelle Digman)	08:30 - 9:15	Two-focus FCS, Fluorescence Lifetime Correlation Spectroscopy, PIE-FI and Arbitrary RICS (Jelle Hendrix)	08:30 - 9:15	Species Fluorescence Correlation Spectroscopy (Claus Seidel)	8:30 - 10:00	Laboratory training 3
9:15 - 10:00	The Photon Counting Histogram Analysis (Jochen Müller)	9:15 - 10:00	Pair-correlation (Enrico Gratton)	9:15 - 10:00	KICS - Advanced ICS (Paul Wiseman)	9:15 - 10:00	Instrumentation (Felix Koberling)		
10:00 - 10:30	Coffee break	10:00 - 10:30	Coffee break	10:00 - 10:30	Coffee break	10:00 - 10:30	Coffee break	10:00-10:30	
10:30 - 11:15	Image Correlation Methods (Paul Wiseman)	10:30 - 11:15	Pulsed Interleaved Excitation (Don C. Lamb)	10:30 - 11:15	SpFRET, Burst Analysis and Multiparameter Fluorescence Detection (Claus Seidel)	10:30 - 11:15	Cross-RICS and cross-N&B (Michelle Digman)	10:30 - 12:00	Laboratory training 4
11:15 - 12:00	The Number and Molecular Brightness Method (Michelle Digman)	11:15 - 12:00	The Phasor Approach: Application to FRET Analysis (Enrico Gratton)	11:15 - 12:00	Cumulant Analysis / Advanced Brightness analysis (Jochen Müller)	11:15 - 12:00	Orbital 3D Single Particle Tracking and Imaging (Enrico Gratton)		
12:00 - 13:15	Lunch	12:00 - 13:15	Lunch	12:00 - 13:15	Lunch	12:00 - 13:15	Lunch	12:00 - 13:15	
13:15 - 13:45	Application 1 - <i>Interrogating RNA RNA Interactions using PIE-FCCS</i> (Alexander Borodavka)	13:15 - 13:45	Application 2 - <i>Combining Phasor FLIM with SEM: Investigating the heterogeneity of MOFs</i> (Waldemar Schrimpf)	13:15 - 13:45	Application 3 - <i>Fluctuation Imaging with Pulsed Interleaved Excitation: Application to the early steps of HIV assembly</i> (Jelle Hendrix)	13:15 - 13:45	Application 4 - <i>3D Real-Time Orbital Tracking in Zebrafish Embryos: Spatiotemporal Analysis of Mitochondrial Dynamics in Rohon-Beard Sensory Neurons</i> (Fabian Wehnekamp)	13:15 - 14:45	Laboratory training 5
13:45 - 14:00	Student Talk: <i>Correlative scanning force and fluorescence microscopy on polymeric micelles</i> (Christian Götz)	13:45 - 14:00	Student Talk: <i>Single Molecule Dynamics in thin Polymer Films in the Vicinity of the Glass Transition Temperature Investigated by Fluorescence Microscopy</i> (Ashvini Purohit)	13:45 - 14:00	Student Talk: <i>Phasor Analysis of Local Image Correlation Spectroscopy</i> (Lorenzo Scipioni)	14:00 - 15:30	Laboratory training 1	14:45 - 15:00	Closing Remarks
14:00 - 17:00	Computer based training on FCS and PCH	14:00 - 17:00	Computer based training on ICS and RICS	14:00 - 17:00	Computer based training on FLIM and Orbital Tracking	15:00 - 15:30	Coffee Break		
						15:30 - 17:00	Laboratory training 2		
17:15 - 18:15	Special lecture - <i>From single molecules to artificial cells</i> (Petra Schwille)	17:15 - 18:15	Special lecture - <i>Where does the light go?</i> (Achim Hartschuh)	17:15 - 18:15	Special lecture - <i>Quantitative FRET studies and integrative modeling unravel the structure and dynamics of biomolecular systems</i> (Claus Seidel)				
18:15 - 20:00	Social Event Catering -				19:00 - 22:30 - Informal Discussions and Idea Exchange				

Locations:

Room K00.015

Room E0.011

"Pepe e Sale", Wilhelmstr. 15
near City Center

Special Lectures
Room: Wilstätte Lecture Hall
Room: Baeyer Lecture Hall

Individual labs Building E.