

	Monday 9.12.		Tuesday 10.12.		Wednesday 11.12.		Thursday 12.12.		Friday 13.12.
08:30-9:00	Registration							8:30 - 10:00	Laboratory training 3
09:00 - 9:45	Welcome and Introduction to FCS (Don C. Lamb)	09:00 - 9:45	Pair-correlation (Michelle Digman)	09:00 - 9:45	Orbital 3D Single Particle Tracking and Imaging (Laura Estrada)	09:00 - 9:45	Instrumentation (Felix Koberling)		
9:45 - 10:30	The Photon Counting Histogram Analysis (Jochen Müller)	9:45 - 10:30	PIE, spFRET and Burst Analysis (Jelle Hendrix)	9:45 - 10:30	MinFlux with GET (Philip Tinnefeld)	9:45 - 10:30	Cross-RICS and cross-N&B (Michelle Digman)		
10:30 - 11:15	Coffee break	10:30 - 11:15	Coffee break	10:30 - 11:15	Coffee break	10:30 - 11:15	Coffee break	10:00-10:30	Coffee Break
11:15 - 11:45	Image Correlation Methods (Paul Wiseman)	11:15 - 11:45	Advanced image correlation (PIE-FI, Arbitrary RICS and Spectral RICS) (Jelle Hendrix)	11:15 - 11:45	The basics of Deep-Learning (Nikos Hatzakis)	11:15 - 11:45	KICS - Advanced ICS (Paul Wiseman)	10:30 - 12:00	Laboratory training 4
11:45 - 12:45	Lunch	11:45 - 12:45	Lunch	11:45 - 12:45	Lunch	11:45 - 13:00	Lunch	12:00 - 13:15	Lunch
12:45 - 13:30	Master Image Correlation Spectroscopy and The Number and Molecular Brightness Method (Michelle Digman)	12:45 - 13:30	The Phasor Approach to FLIM: Application to FRET Analysis (Michelle Digman)	12:45 - 13:30	Multiparameter Fluorescence Detection: Burst Analysis and Image Spectroscopy (Noah Salama)	13:00 - 13:45	Use of Deep-Learning to Analyze single-molecule FRET traces (Don C. Lamb)	13:15 - 14:45	Laboratory training 5
13:30 - 14:00	Application 1 - TBA (Alexander Borodavka)	13:30 - 14:00	Application 2 -TBA (Rodrigo Migueles Ramirez)	13:30 - 14:00	Application 3 - TBA (Ecenaz Bilgen)	14:00 - 15:30	Laboratory training 1	14:45 - 15:00	Closing Remarks
14:00 - 14:15	Coffee break	14:00 - 14:15	Coffee break	14:00 - 14:15	Coffee break	15:30 - 16:00	Coffee Break		
14:15 - 17:00	Computer based training on FCS and PCH	14:15 - 16:30	Computer based training on ICS and RICS	14:15 - 16:30	Computer based training on single-pair FRET	16:00 - 17:30	Laboratory training 2	15:30 - 16:45	CeNS Colloquium (Michelle Digman)
		16:30 - 17:00	Student Talks:	16:30 - 17:00	Students Talks:				
17:15 - 18:15	Special lecture - TBA (Paul Wiseman)	17:15 - 18:15	Special lecture - TBD (Jochen Mueller)	17:15 - 18:15	Special lecture - TBA (Nikos Hatzakis)				
18:15 -20:00	Social Event Catering -			19:00 - 22:30	Informal Discussions and Idea Exchange				

Locations:

Room L00.010

Room B3.025

 Special Lectures
Room: Willstätter Lecture Hall

Room: Baeyer Lecture Hall

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

Room B2.079

 Individual labs, BioSysM and
Building E.