

PP = Project Proposals

Room: E01-231, Staudinger Weg 9

			Break			Lunch break			END
	09:15	10:00	10:45	11:00	11:45	12:30	13:30	14:15	15:00
Mo. 17.02.2014	Intro / Requirements for PP History of microscopy: Leeuwenhoek to Abbe Lecturer: Parekh, Cremer			Electron microscopy Lecturer: Parekh			Fourier Optics Lecturer: Birk		
Tu. 18.02.2014	Point-scanning: Laser micro irradiation and confocal laser scanning; FCS,FRET,FLIM,FRAP Lecturer: Birk			4Pi and STED microscopy Lecturer: Cremer			Structured Illumination: SMI microscopy and SIM Lecturer: Parekh		
We. 19.02.2014	Spectrally Assigned Localization Microscopy Lecturer: Birk			SPIM (Selective Plane Illumination Microscopy) / Light Sheet based microscopy Lecturer: Parekh			Optical Projection Tomography Lecturer: Birk		
Th. 20.02.2014	Nonlinear fluorescence: Mulitphoton, SHG, THG Lecturer: Parekh			Vibrational microscopy: Raman, IR, Coherent Raman Lecturer: Parekh					

PP: Oral presentation with max. of 10 slides. Small groups work together to come up with a hypothetical research project.

PPs should answer at least the following points:

- What do you want to study?
- Why do you want to study this?
- How do you want to study this?