

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
Lecture 9.00-11.00	<b>Pre-course</b>  Light as a messenger, Refraction and diffraction, Geometrical optics, Transmitted light techniques – phase contrast, differential interference contrast (DIC), Fluorescence  Basics of light detection Basics of image properties and image analysis	Confocal, 2Pi, TIRF PSF <b>Jan Peychl</b>	FRET, Colocalization Unmixing <b>Timo Zimmermann</b>	Live cell imaging FRAP <b>Stefan Trejung</b>	Filters – AHF <b>Michael Sommerauer</b>  Light sources – CoolLed <b>Gerry Whoriskey</b>	Superresolution <b>Katrin Heinze</b>  Optics of the Animal Kingdom <b>Andrew Straw</b>	
Lab 11.00-12.30		PSF – SD 3D image conf, WF <b>Karin Aumayr, Pawel Pasierbek Jan Peychl, Jens Rietdorf , Arne Seitz, Gaby Stengl, Stefan Trejung, Timo Zimmermann</b>	FRAP, FRET, Unmixing, Live Cell, 2Pi  <b>Rene Ladurner, Christopher Esk , Jan Peychl, Ekaterina Papusheva, Jens Rietdorf, Arne Seitz, Gaby Stengl, Stefan Trejung, Timo Zimmermann</b>				Photobleaching and Phototoxicity <b>Jurek Dobrucki</b>
12.30-13-30		Lunch					
Lecture 13.30-15.30		Antibodies and labels	Deconvolution- SVI <b>Hans van Voort</b>	Image Processing <b>Arne Seitz</b>	Image Processing 3D <b>Arne Seitz</b>	Detectors – Andor <b>Axel Wiegand</b>	Student's presentations
Lab 15.30-17.00		<b>Karin Aumayr Peter Steinlein Pawel Pasierbek</b>	Deconvolution <b>Hans van Voort</b>	Analysis of Data – FRAP, FRET, Unmixing <b>Jan Peychl, Ekaterina Papusheva, Jens Rietdorf, Arne Seitz, Gaby Stengl, Stefan Trejung, Timo Zimmermann</b>			
17.00 - ...			Open end			Kebab Party	