

PACT Summer School 2016 - Time Schedule

	Morning 09:00 - 13:00	Afternoon 14:00 - 18:00
Monday 04.07.2016	Karl-Heinz Körtje¹⁾, Tina Freisinger²⁾, Doreen Milius³⁾, Monika Debreczeny⁴⁾ and Markus Schosserer⁴⁾	
	Registration: 08:00 - 09:00	
	LECTURES 1. Introduction to fluorescence microscopy 2. Increasing resolution in Live Cell Imaging with Leica STED 3X 3. Deconvolution	1. In vivo-like conditions for cell-based assays during life cell imaging 2. Sample preparations, labeling techniques for super-resolution fluorescence microscopy
		Evening: Welcome Cocktail at "TissueGnostics" (1020 Vienna)
Tuesday 05.07.2016	Karl-Heinz Körtje, Bernd Bleisteiner⁵⁾, Monika Debreczeny and Markus Schosserer	
	Gr 1. gSTED (system 1) Gr 2. gSTED (system 2) Gr 3. Raman imaging (system 1) Gr 4. Raman imaging (system 2)	Gr 1. gSTED (system 2) Gr 2. gSTED (system 1) Gr 3. Raman imaging (system 2) Gr 4. Raman imaging (system 1)
Wednesday 06.07.2016	Karl-Heinz Körtje, Thomas Peterbauer⁶⁾, Doreen Milius and Monika Debreczeny	
	Gr 1. Deconvolution - image processing Gr 2. Super-resolution optical fluctuation imaging (SOFI) Gr 3. gSTED (system 1) Gr 4. gSTED (system 2)	Gr 1. Super-resolution optical fluctuation imaging (SOFI) Gr 2. Deconvolution - image processing Gr 3. gSTED (system 2) Gr 4. gSTED (system 1)
		Dinner at "Heurigen Welser" (Traditional Viennese Wine Garden, 19:00)
Thursday 07.07.2016	Bernd Bleisteiner, Thomas Peterbauer, Doreen Milius and Markus Schosserer	
	Gr 1. Raman imaging (system 1) Gr 2. Raman imaging (system 2) Gr 3. Deconvolution - image processing Gr 4. Super-resolution optical fluctuation imaging (SOFI)	Gr 1. Raman imaging (system 2) Gr 2. Raman imaging (system 1) Gr 3. Super-resolution optical fluctuation imaging (SOFI) Gr 4. Deconvolution - image processing
Friday 08.07.2016	Thomas Peterbauer, Doreen Milius, Monika Debreczeny and Markus Schosserer	
	Hands-on on demand Special topics according to interest (Image J, other superresolution techniques in theory,...)	1. Final group presentations 2. Closing remarks 3. Snacks & drinks

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