

Fluorescence correlation

spectroscopy - FCS

Applications in life sciences

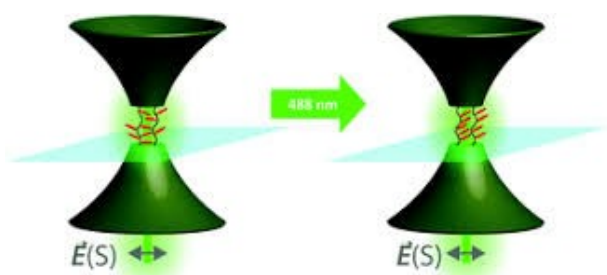
Quantitative bioimaging - molecular concentrations, diffusion coefficients, conformational dynamics and interactions

29 June, 2017

**Faculty of Science, Charles University in Prague
Viničná 7 street, room B3 (Fotochemie)**

Program

9:00 – 9:50	Dr. Christian Hellriegel , Carl Zeiss	Meet the FCS Family: Approaches for Molecular Dynamics
	<i>Coffee break</i>	
10:00 – 10:30	Dr. Radek Macháň , Biocev	Points, lines, images - FCS (not only) in membranes
10:30 – 11:00	Dr. Aleš Benda , Biocev	Getting the max from FCS - correlating spectrum and lifetime enriched data
	<i>Coffee break</i>	
11:10 – 12:00	Dr. David Staněk , Institute of Molecular Genetics, ASCR	In vivo formation of the splicing machinery measured by combination of FRAP and FCS
12:00 – 13:00	<i>Lunch break</i>	
13:00 – 13:30	Dr. Jan Sýkora, J. Heyrovský Institute of Physical Chemistry	Combination of FCS and photoinduced electron transfer as a tool in studying fast conformational dynamics
13:30 – 14:00	Dr. Peter Košovan , Faculty of Science, Charles University	FCS in polymer science - computer simulations and experiments
14:00 - ???	Demonstration FCS workshop on Zeiss LSM880 NLO confocal microscope or round table discussions.	If you are interested in personal FCS demonstration, please, indicate this in registration form .



Please, [REGISTER](#)
for this event.

Thank You.

