

# Seminar on Fluorescence Lifetime Imaging Techniques

June 3, 2009

Institute of Physiology, ASCR, v.v.i., Prague

## Programme:

- 13:00 Introduction  
13:10 Wolfgang Becker (Becker & Hickl, Berlin): Introduction into TCSPC FLIM, overview.  
13:50 Angelika Rueck (Institute for Lasertechnologies in Medicine, Ulm): Multispectral FLIM: Basics and applications in cell biology.  
14:30 Thomas Gensch (Forschungszentrum Jülich): FLIM-based Chloride measurements in neuronal cells.  
15:10 Alzbeta Chorvatova (International Laser Centre, Bratislava): Spectrally resolved autofluorescence lifetimes: a tool for investigation of metabolic oxidative state in living cells.  
15:50 – 17:00 General discussion, excursion to newly installed FLIM module attached to Leica AOBs SP2 two-photon microscope at the Department of Biomathematics

**Venue:** Conference Hall in the Main Building of "Krcsky area" (Building A), Institute of Physiology, ASCR, Videnska 1083, Praha 4 (bus No. 193 terminal stop "Ustavy akademie ved")

Please confirm your attendance at the seminar to [kubinova@biomed.cas.cz](mailto:kubinova@biomed.cas.cz) .

## Organized by:

Centre "Fluorescence Microscopy in Biological and Medical Research"  
and Department of Biomathematics  
Institute of Physiology  
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