



FACULTY OF SCIENCE  
Charles University

# Advanced Techniques Days

Invitation on

## New Possibilities in High-Speed Spinning Disk Confocal Microscopy

seminars

**Thursday 9<sup>th</sup> February 2017** at Faculty of Science of Charles University,  
**Viničná 7, Anthropology lecture room B2.**

Program:

9:00 – 9:30 *Ing. Pavel Krist, PhD. (Zeiss)*

**Optical sectioning by spinning disk technology**

9:30 – 10:00 *Mgr. Alexander Pospěch (Andor)*

**Live cell to model organisms: High speed imaging platform for all**

10:00 – 10:15 *Coffee break*

10:15 – 10:45 *Ing. Tomáš Pop (Olympus)*

**Visitron spinning disk solution by Olympus**

10:45 – 11:15 *RNDr. Ivan Rozkošný, CSc. (NIKON)*

**Spinning disk live-cell Imaging**

11:15 – 12:30 *Lunch*

12:30 – 13:30 *RNDr. Martin Falk, PhD. (BFÚ AVČR)*

**Confocal microscopy in research of DNA damage and repair: implications on cancer**

13:30 – 14:30 *Mgr. Ivan Kulich, PhD. (PřF UK)*

**Native promoters - when spinning disk triumphs over laser scanning microscopy**

14:30 – 15:30 *Ing. Jaroslav Zelenka, PhD. (VŠCHT)*

**Biological testing with spinning disk confocal microscope**

**OptiXs**

**OLYMPUS**



**ANDOR**  
an Oxford Instruments company

