



Microscopy Workshop

Confocal Microscopy

We are happy to announce the Confocal Microscopy Workshop which will take place on 15 and 16 November 2013 as part of the **Bio-Imaging Poland First Annual Conference**. The workshop is organized by The Laboratory of Imaging Tissue Structure and Function, Neurobiology Center of Nencki Institute of Experimental Biology.

All individuals interested in light microscopy are welcome to attend the lectures.

During the practical workshops, which are intended for future users of our systems, confocal microscope use principles and system capabilities will be discussed.

November 15, 2013 (Friday)

Lectures, Conference Room 1

14:50 – 15:30

Natalia Nowak, MSc, Nencki Institute, Laboratory of Imaging Tissue Structure and Function, „Confocal Laser Scanning Microscopy - Basics”

15:30 – 16:10

Tytus Bernaś, PhD, Nencki Institute, Head of Laboratory of Imaging Tissue Structure and Function, „Confocal Laser Scanning Microscopy – Advanced Techniques”

16:10 – 16:50

Artur Wolny, MSc, Nencki Institute, Laboratory of Imaging Tissue Structure and Function, „Image Processing and Analysis”

November 16, 2013 (Saturday)

Workshops

9:20 – 11:20

Group 1: Wojciech Brutkowski, PhD, Nencki Institute, Laboratory of Imaging Tissue Structure and Function, „Fast Imaging with Zeiss Spinning Disc Microscope”

Group 2: Jarosław Korczyński, MSc, Nencki Institute, Laboratory of Imaging Tissue Structure and Function, „White-light laser imaging with Leica SP8 Confocal Scanning Microscope”

11:20 – 11:40 Coffee break

11:40 – 13:40

Group 1: Jarosław Korczyński, MSc, Nencki Institute, Laboratory of Imaging Tissue Structure and Function, „White-light Laser Imaging with Leica SP8 Confocal Scanning Microscope”

Group 2: Wojciech Brutkowski, PhD, Nencki Institute, Laboratory of Imaging Tissue Structure and Function, „Fast Imaging with Zeiss Spinning Disc Microscope”

13:40 – 14:40 Lunch break

14:40 – 16:40

Group 1: Natalia Nowak, MSc, Nencki Institute, Laboratory of Imaging Tissue Structure and Function, „Stimulation Emission Depletion (STED) and Multiphoton Imaging with Leica SP5 Confocal Scanning Microscope”

Group 2: Tytus Bernaś, PhD, Nencki Institute, Head of Laboratory of Imaging Tissue Structure and Function, „Live-cell Imaging”

16:40 – 18:40

Group 1: Tytus Bernaś, PhD, Nencki Institute, Laboratory of Imaging Tissue Structure and Function,
„Live-cell Imaging”

Group 2: Natalia Nowak, MSc, Nencki Institute, Laboratory of Imaging Tissue Structure and Function,
„Stimulation Emission Depletion (STED) and Multiphoton Imaging with Leica SP5 Confocal Scanning
Microscope”