PROGAMME

12.30 – 12.40 pm Welcome address
Prof. Dr. Erich Schröger  (Leipzig University, Vice-Rector for Research and Young Academics)

12.40 – 1.10 pm Introduction to the workshop
Prof. Dr. Thomas Magin  (Leipzig University, Division of Cell Developmental Biology)

PART I: TECHNOLOGY
1.10 – 1.40 pm New technologies in advanced optical Imaging
Andreas Lutter (Carl Zeiss Microscopy GmbH, Jena)

1.40 – 2.10 pm Leica TCS SP8 STED 3X and more… Innovations for Revealing Insights into Life’s Secrets
Dr. Karl-Heinz Körtje (Leica Mikrosysteme Vertrieb GmbH, Wetzlar)

2.10 – 2.40 pm Quantification of fluorescence labelling using photon counting
PD Dr. Johannes Kacza (Leipzig University, Bioimaging Core Facility)

COFFEE BREAK (sponsored by Carl Zeiss Microscopy GmbH)

PART II: APPLICATION
3.10 – 3.40 pm Chipcytometry – Future on a Chip
Yvonne Wolff (Zellkraftwerk GmbH, Leipzig)

3.40 – 4.10 pm Beyond imaging: Quantitative tools to study cell-matrix interactions
Prof. Dr. Tilo Pompe (Leipzig University, Centre for Biotechnology and Biomedicine/Institute of Biochemistry)

4.10 – 4.40 pm Light Sheet Fluorescence Microscopy: Advantages for Living Specimens
Prof. Dr. Ulf-Dietrich Braumann (Fraunhofer Institute for Cell Therapy and Immunology, Image Analysis of Cell Function Unit)

4.40 – 5.10 pm OPEN DISCUSSION

5.10 – 6.10 pm LABORATORY TOUR
Tour 1: Bioimaging Core Facility at Saxonian Incubator for Clinical Translation (SIKT)
Zeiss LSM780 and Zeiss Spinning Disk

Tour 2: Bioimaging Core Facility at Faculty of Veterinary Medicine
Leica LSM

13th June 2019
Seminar room 1.1 – 1.2

BBZ METHODOLOGICAL WORKSHOP SERIES
MODERN BIOIMAGING TECHNOLOGY – MICROSCALE VIEW INTO BIOLOGICAL SYSTEMS

Centre for Biotechnology and Biomedicine (BBZ)
Deutscher Platz 5 | 04103 Leipzig

Please register for the workshop (free of charge) by email. Indicate in your email if you wish to subscribe for the laboratory tour (tour 1 max. 12 / tour 2 max. 6 people).
symposium@bbz.uni-leipzig.de