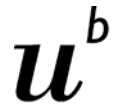




Symposium of the Microscopy Imaging Center
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Big data in light and electron microscopy

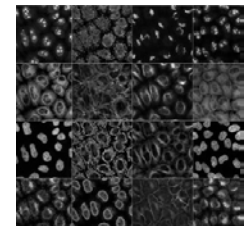
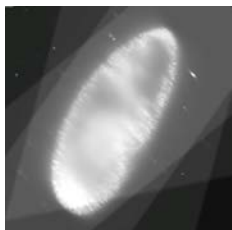
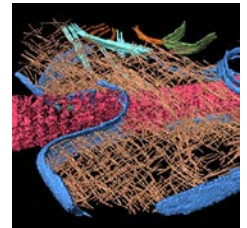
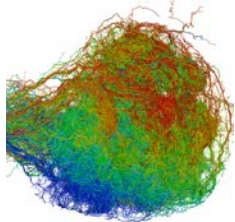
Friday December 8th 2017, 10:00-16:30

Langhans Auditorium, Institute of Pathology, University of Bern,
Inselspital, Entrance 43A

Program

- | | | |
|--------------|---|---|
| 10:00 | Britta Engelhardt
MIC Chair, TKI,
University of Bern | Welcome |
| 10:10 | Session I. Chair Olivier Pertz,
University of Bern | <i>Imaging based single-cell biology at large scale</i> |
| 10:50 | Rainer Pepperkok
EMBL, Heidelberg, DE | <i>BigDataViewer (BDV): a computational framework for visualisation and analysis of big bioimages</i> |
| 11:30 | Lukas Pelkmans
IMLS, University of Zürich, CH | <i>Single-molecule and multiplex imaging for systems biology</i> |
| 12:10 | Florian Eich
Olympus, Hamburg, DE | <i>More context - more data: confocal macro to micro imaging with FV3000</i> |
| 12:30 | Lunch

Session II. Chair Benoit Zuber,
University of Bern | <i>(in front of the lecture hall)</i> |
| 14:00 | Misha Kudryashev
MPI BP, Frankfurt, DE | <i>Structure of membrane proteins in situ by high resolution subtomogram averaging</i> |
| 14:40 | Rainer Friedrich
FMI, Basel, CH | <i>Neuronal connectomics and computations in the zebrafish brain</i> |
| 15:20 | Ohad Medalia
University of Zurich, CH | <i>The structural basis of nuclear lamin organization</i> |
| 16:00 | Harry Brandenberger
Gloor, Kloten, CH | <i>Shifting the bottleneck from acquisition to data processing: high-throughput electron microscopy</i> |
| 16:20 | Ruth Lyck
MIC Coordinator | Closing remarks |



Registration: <http://www.mic.unibe.ch/symposium>

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