Past, Present and Future Confocal Microscopy
Het Pand, Gent - 26 March 2015

Scientific committee:  - Chris Guerin (VIB - Bio Imaging Core, Gent)
                      - Sebastian Munck (VIB - Bio Imaging Core, Leuven)
                      - Saskia Lippens (VIB - Bio Imaging Core, Gent)

Program

09h00-09h30  Welcome coffee and registration

Morning session

09h30-10h15  Tony Wilson, Hertford College - Oxford University, U.K.
             Making Light Work in Microscopy

10h15-10h45  Stefan Jakobs, Max Planck Institute for Biophysical Chemistry - Göttingen, Germany
             RESOLFT Live-Cell Super-Resolution Microscopy

10h50-11h15  Coffee break

11h15-11h45  Suliana Manley, Institute of Physics of Biological Systems - Lausanne, Switzerland
             Spying on the Inner Workings of Cells with Super-Resolution Microscopy

11h45-12h10  Robert Kumpf, VIB Department of Plant Systems Biology - UGent, Belgium
             Computational Morphodynamics of the Arabidopsis Root Cap

12h10-12h35  Geert Raes, VIB Lab of Myeloid Cell Immunology - VUB, Belgium
             Inflammatrack: Using Nanobodies to Shed Light on Inflammation

12h35-13h30  Lunch
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Afternoon session

13h30-14h00  Alberto Luini, Instituto di Ricerche Farmacologiche - Maria Imbaro, Italy
Correlative Microscopy: development, impact and perspectives

14h00-14h25  Olivier Urwyler, VIB Vesalius Research Center - KU Leuven, Belgium
Genetics and Single-Neuron Imaging Identifies Novel Regulators of Synapse Formation in the CNS

14h25-14h50  Thomas Mathivet, VIB Vesalius Research Center - KU Leuven, Belgium
Unravelling Mechanisms in Vascular Patterning during Tumor Angiogenesis using Multi-Photon in Vivo Imaging in Mouse Glioblastoma

14h50-15h15  Coffee break

15h15-15h45  Oliver Biehlmaier, University of Basel, Switzerland
Airyscan - a Technique Ready to Challenge SIM?

15h45-16h10  Steffen Kandler, Neuro-Electronics Research Flanders - Imec, Belgium
Population Activity in Mouse Primary Visual Cortex during Explorative Behaviour

16h10-16h45  Ralf Engelmann, Zeiss
Zeiss Airyscan – Searching for the Better Confocal Image

16h45-17h45  Reception offered by Zeiss

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