

	Monday, February 8	Tuesday, February 9	Wednesday, February 10	Thursday, February 11	Friday, February 12
08:00 - 09:00	BREAKFAST & REGISTRATION				
09:00 - 09:45	Introduction SSC	John Lock (Huddinge, Sweden): „A Systems Microscopy Analysis of Cell Adhesion and Migration - Applications to Novel Adhesion Biology“	Jason Crain (Teddington, UK): „Imaging of Host Pathogen Interactions: CARS and two-photon microscopy“	Philippe Bastiaens (Dortmund, Germany): „Imaging the spatial organization of signalling networks“	Nadine Peyrieras (Gif sur Yvette, France): „In toto imaging for the reconstruction of embryogenesis multiscale dynamics“
09:45 - 10:30	Opening Lecture by Hans Werner Mewes (Munich, Germany): „Systems Biology from Knowledge Management to Images“	Elena Kardash (Münster, Germany): „In vivo imaging of cell migration in Zebrafish“	Jost Enninga (Paris, France): „Functionalized fluorescence microscopy to correlate the internalization of invasive pathogens with the induced host immune responses“	Norbert Rolland (Grenoble, France): „Subcellular and subplasmidial proteomics to study intracellular trafficking of proteins“	Paul Bourguine (Paris, France): „Reconstructing multi-scale dynamics in morphogenesis of living systems“
10:30 - 11:00					
11:00 - 11:45	Short introductory presentation by each participant (1-2 min each)	Michael K. Richardson (Leiden, The Netherlands): „Imaging of living zebrafish embryos in a microfluidics lab-on-chip“	Soeren-Oliver Deininger (Bremen, Germany): „MALDI Molecular Imaging for the Classification of HER2 Receptor Status in Breast Cancer Tissues“	Marius Ueffing (Tübingen, Germany): „4D approaches to analyse protein networks over space and time“	Marc Birtwistle (Dublin, Ireland): „Systems Modeling of Epidermal Growth Factor and Nerve Growth Factor Signaling in PC12 Cells Based on Interaction Proteome Data: New Insights into Transient vs. Sustained ERK Activation“ Katrin Büther (Münster, Germany): „Bimodal Molecular Imaging of the Endothelin-A-Receptor Expression in Murine Thyroid Cancer Xenografts using Small Animal PET and Optical Imaging“ Karin Radrich (Neuherberg, Germany): „Fluorescent Molecular Tomography provides quantitative spatio-temporal resolution of specific molecular processes and diseases“
11:45 - 12:00	Francesca Arena (Torino, Italy): „Poly-beta-Cyclodextrin based Platform for pH mapping via a ratiometric 19F/1H MRI method“	Eric Marijn Wielhouwer (Leiden, The Netherlands): „Multipurpose BioChip: A novel 4D image and data acquisition technology for drug discovery“	Andrea Starsichova (Münster, Germany): „Characterization of atherosclerosis and myocardial infarction in a scavenger receptor class B member 1 deficient, hypomorphic apolipoprotein E mouse model“	James Bagnall (Liverpool, UK): „Intracellular signalling dynamics of Hypoxia-Inducible Factors“	Maria Athelougou (Munich, Germany): „Multimodal Image Data Analysis and Quantification“
12:00 - 12:15	Kristine Schauer (Paris, France): „Construction of probabilistic density maps for micropatterned cells: a computational imaging approach to systematically study the global cellular architecture of endomembranes“	Pavel Tomancak (Dresden, Germany): „Systematic analysis of gene expression patterns in Drosophila embryonic development“	Julia Lindquist (Turku, Finland): „The intermediate filament nestin as a regulator of myogenic differentiation“	Denise Bakstad (Liverpool, UK): „Investigation of the Dynamic Behaviour of p100 and p105 in Single Cells“	CONCLUSION SSC
12:15 - 12:30		Masanari Takamiya (Karlsruhe, Germany): „Visualization of zebrafish cornea development“	J.M. Liang (Hong Kong): „Ca2+ Response to Acupuncture-induced Acoustic Waves in Cells: More Insights into the Roles of Transient Receptor Potential Channels“	Thomas Viel (Cologne, Germany): „Dynamic evolution of angiogenesis dependent and independent brain tumor models presenting the tumoral heterogeneity observed in human“	
12:30	LUNCH		LUNCH		
13:30	LUNCH		LUNCH		
14:00	LUNCH		LUNCH		
15:00	LUNCH		LUNCH		
16:00	LUNCH		LUNCH		
17:00 - 17:45	Julie Plastino (Paris, France): „Actin and Major Sperm Protein cytoskeleton assembly for motility“	Dimitris Kalamatianos (Maynooth, Ireland): „Image analysis for automated live-cell imaging“	Bob van de Water (Leiden, Netherlands): „Quantitative imaging-based functional genomics screening in cancer research“	Julio Vera (Rostock, Germany): „Meta-analysis of strategies for mathematical modelling and data integration in cancer signalling systems biology“	
17:45 - 18:30	Antonio Rosato (Florence, Italy): „Mechanistic systems biology of metal ions in cells“	Hermann Schillers (Münster, Germany): „AFM in Biomedicine: Imaging and Beyond“	Xavier Gidrol (Grenoble, France): „Kinome-targeted siRNA screen identifies kinases regulating the differentiation/proliferation balance of prostate cancer cells“	Alexander von Kriegsheim (Glasgow, UK): „Modelling MAPK crosstalk“	
18:30 - 19:15	Claire Wilhelm (Paris, France): „Intracellular magnetic nanoparticles to image and manipulate the cell“	Violaine See (Liverpool, UK): „Single live cell imaging to capture cell to cell heterogeneity and unravel the fine tuning of gene transcription“	Wim Vermeulen (Rotterdam, Netherlands): „DNA repair and transcription in living tissue“	Poster presentation	
19:15 - 19:30	Delphine Fayol (Paris, France): „Magnetic cell patterning for tissue engineering applications“	Louise Ashall (Liverpool, UK): „Heterogeneity of NF-kappaB oscillations observed in live cells can be explained by transcriptional delay“	Sandra Zovko (Leiden, Netherlands): „An siRNA-based high-throughput microscopy screen to identify regulators of cell-matrix adhesion dynamics in breast cancer cells“		
19:30	DINNER		DINNER		
20:30	DINNER		DINNER		

 submitted abstracts

 invited talks