

# 6<sup>th</sup> Flex-FPM & FluidFM<sup>®</sup> User Meeting

## Friday November 17<sup>th</sup> 2017, 9:30 - 18:00, Zurich

Program	
09:00 - 09:30	Welcome coffee
09:30	Opening
09:35	“Intercellular adhesion forces in Endothelial-to-Mesenchymal Transition” Ana Sancho – FMZ, Würzburg
10:05	“Bacterial adhesion” Maximilian Mittelviehhaus – ETHZ, Zurich
10:35	“Interaction forces and manipulation in the sub- $\mu\text{m}$ regime by FluidFM” Nicolas Helfricht – Universität Bayreuth
11:05 - 11:30	Coffee break
11:30	“Manipulating and Harvesting of Cell components for Cryo-Electron Microscopy” Jochem Pronk – TU Delft
12:00	“Sideway su-8 microfabrication” Hana Han – ETHZ, Zurich
12:30	“A possible fingerprint of mass feedback regulation at the single-cell level” David Martinez – ETHZ, Basel
13:00 - 14:30	Lunch
14:30	“Studying cellular physiology with scanning ion conductance microscopy” Patrick Happel, Ruhr-Universität Bochum
15:00	“SICM or Ion Sensing AFM: Comparison of pipettes and cantilevers on the FlexAFM” Barney Drake – EPFL, Lausanne
15:30	“Mapping Surface Charge Density with Quantitative Surface Conductivity Microscopy” Thomas Fuhs – iNano, Aarhus
16:00	“FluidFM probes with very small holes” Morteza Aramesh – ETHZ, Zurich
16:30	Closing remarks
16:45 – 18:00	Apéro



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**Topics**

- Single-cell manipulation
- Spotting and nanolithography
- Instrument and protocol development

**Organizers**  
Patrick Frederix  
Dario Ossola  
Marco Portakapi  
Tomaso Zambelli

**Location**  
ETH Zurich  
LEE E 101  
Leonhardstrasse 21  
8092 Zurich

**Registration & information**  
[info@nanosurf.com](mailto:info@nanosurf.com)

Logos: nanosurf, CYTOSURGE, ETH zürich

### Participation and practical information

Please note that the number of participants is limited: to join please send an email to [info@nanosurf.com](mailto:info@nanosurf.com)  
You will receive a confirmation email.