

20th Anniversary Symposium

Scientific Program

- 09:05**  **Urs Matter**
Nanosurf
Welcome address
- 09:15**  **Ernst Meyer**
Universität Basel
Some remarks about AFM: from the early days to modern science applications
- 09:45**  **Franz Giessibl**
Universität Regensburg
Atoms, the race for silicon, clocks and electron clouds
- 10:15**  **Hans Hug**
EMPA
AFM in materials science
- 10:45** **Coffee Break & Networking**
- 11:15**  **Bert Müller**
Universität Basel
How a Nanosurf product can support the development of artificial muscles
- 11:45**  **Georg Fantner**
EPFL
Low force high speed AFM using photothermal off resonance tapping
- 12:15**  **David Martinez**
ETH Zürich
Tracking cell mass dynamics in real time: a potent indicator for cell physiology
- 12:45** **Lunch Break & Networking**
- 14:00**  **Tomaso Zambelli**
ETH Zürich
Development of the FluidFM: challenges, results and surprises combining AFM and microfluidics
- 14:30**  **Georg Papastavrou**
Universität Bayreuth
New degrees of freedom at the tip of an AFM
- 15:00**  **Lu Shin Wong**
University of Manchester
Biocatalytic nanolithography: nanofabrication of high chemical complexity surfacest
- 15:30** **Coffee Break & Networking**
- 16:00**  **Harald Plank**
Technische Universität Graz
Advanced in-situ atomic force microscopy in electron and ion beam microscopes beyond current limitations
- 16:30**  **Philipp Merkelbach**
Rodenstock
Customized AFM for application in ophthalmic lenses research
- 17:00**  **Pierre Fayet**
Tetra Pak
Polymer surface adhesibility
- 17:30**  **Patrick Frederix / Urs Matter**
Nanosurf
Closing remarks
- 17:35** **Apéro**



Friday, June 9th, 2017

Location
Aula / Naturhistorisches Museum Basel
Augustinergasse 2
4001 Basel