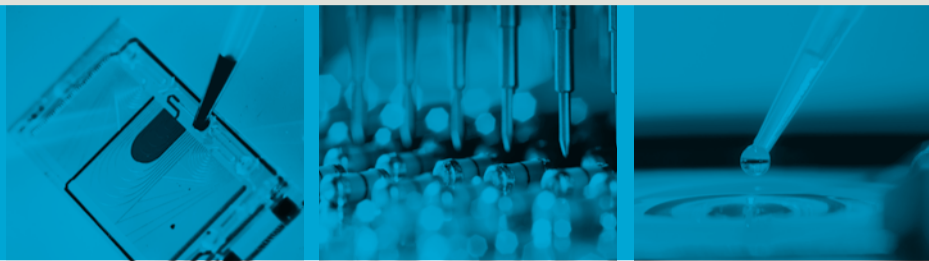


BLACK FOREST FOCUS ON SOFT MATTER 4



IMTEK Laboratory for Biomedical Microtechnology

MICRO AND NANO FABRICATION: FROM LITHOGRAPHY TO SELF ASSEMBLY

Micro- and nanotechnology is experiencing a large number of breakthroughs, driven by better understanding and control of processes at both the molecular and mesoscopic level. For example, lithography is now enhanced to guide the transformation of exotic resist materials, and is augmented by stamp patterning techniques. We are seeing the emergence of controlled self-assembly processes, including DNA driven patterning. But more than this, unforeseen cross-overs are happening as these new techniques are being adopted by groups across the globe. In this workshop we bring together experts from chemistry, materials science, micro- and nanotechnology to explore this very productive approach.

Keynote Speakers:

Luci Curri IPCF, Italy
Curt Frank Stanford, USA
Kurt Gothelf Aarhus, Denmark
Koji Ikuta Nagoya, Japan
Marya Lieberman University of Notre Dame, USA
Klaus Müllen Max-Planck Institute Mainz, Germany
Isao Shimoyama Tokyo, Japan
Fraser Stoddart Northwestern University, USA
Andrew Turberfield Oxford, UK
Alfons van Blaaderen Utrecht University, The Netherlands

Local Scientific Coordination:

Karl Böhringer
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Jan G. Korvink Chairperson
Sabine Ludwigs
Andreas Manz
Aurelio Mateo-Alonso
Jürgen Rühle
Stefan Schiller
Osamu Tabata

JULY 20-23, 2010

Location:

Hotel Saigerhöl
Saig/Lenzkirch

Information:

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