

BLACK FOREST FOCUS ON SOFT MATTER 5



IMTEK Laboratory for Biomedical Microtechnology

SELF-ASSEMBLY ON ALL SCALES

Self-assembly has proven its value on a large range of scales. It seems to be one of very few processes to assemble three dimensional systems from units in the size range of 10 nanometers to 10 micrometers. The fields covered by the workshop range from self-assembly processes in biology, such as the folding of proteins the self-assembly of DNA molecules, synthesis of artificial units, growth of colloidal crystals, to packaging in nano- and microelectromechanical systems.

MAY 24–27, 2011

Keynote Speakers include:

Katsuhiko Ariga, Nat. Inst. for Mat. Science, Tsukuba, Japan

Paul Chaikin, University of New York, USA

Hiro Fujita, University of Tokyo, Japan

Bartosz Grzybowski, Northwestern University, USA

Eugenia Kumacheva, University of Toronto, Canada

Tim Liedl, Ludwig-Maximilians-Universität München

Dave Thirumalai, University of Maryland, USA

George Whitesides, Harvard University, USA

Heiko Wolf, IBM Zurich, Switzerland

Younan Xia, Washington University, USA

Local Scientific Coordination:

Miko Elwenspoek, MESA+, University of Twente, NL

Jan G. Korvink, FRIAS, IMTEK, University of Freiburg

Eugenia Kumacheva, University of Toronto, Canada

Isao Shimoyama, University of Tokyo, Japan

Andrew Turberfield, University of Oxford, UK

Location:

Saig / Lenzkirch, Black Forest, Germany

Hotel Saigerhoh

Information & Online Registration:

www.frias.uni-freiburg.de/BFF5



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