

Program

International Symposium on „Functional Biointerfaces“ and 100th Anniversary of Georg Manecke (1916-1990) Ceremony

Location: Zuse-Institute Berlin, Takustrasse 7, 14195 Berlin

TUESDAY, OCTOBER 04, 2016

- 8:30 REGISTRATION
- 9:00 OPENING
Prof. Rainer Haag (Focus Area NanoScale, Freie Universität Berlin)
- 9:10 **New Detection Methods at Biointerfaces**
Frederik Höök | Chalmers University, Gothenburg, SE
- 9:55 **Multivalent Virus Inhibition with Functional Biointerfaces**
Andreas Herrmann | Humboldt-Universität Berlin
- 10:40 COFFEE BREAK
- 11:00 **Probing Biointerfaces by Functionalized Plasmonic Nanostructures**
Qiuming Yu | University of Washington, Seattle, USA
- 11:45 10 SPEED LECTURES from selected posters
- 12:45 LUNCH BUFFET & POSTER PRESENTATION
- 14:15 **Cell Sheet Engineering and Thermoresponsive Surfaces**
Teruo Okano | Tokyo Women's Medical University, JP
- 15:00 **Functional Thermoresponsive Surfaces**
Jürgen Rühle | IMTEK, Albert-Ludwigs-Universität Freiburg
- 15:45 COFFEE BREAK & POSTER PRESENTATION
- 17:15 **From Polymeric Coatings to Cell Culture Applications**
Marie Weinhart | Freie Universität Berlin
- 18:00 **Artificial Extracellular Matrix**
Carsten Werner | Max-Bergmann Center, TU Dresden
- 19:00 CONFERENCE DINNER

WEDNESDAY, OCTOBER 05, 2016

- 8:30 **Zwitterionic Surfaces to Prevent Biofouling**
Shaoyi Jiang | University of Washington, Seattle, USA
- 9:15 **Blood and Pathogen Interactions of Biomaterials**
Jay Kitzhakkedathu | University of British Columbia, Vancouver, CA
- 10:00 COFFEE BREAK & POSTER PRESENTATION
- 10:30 **Photoresponsive Biosurfaces**
Aránzazu del Campo | Leibniz INM, Saarbrücken
- 11:30 **Simulation Approaches to Interacting Surface in Water**
Roland Netz | Freie Universität Berlin
- 12:15 LUNCH BUFFET (ZIB) & POSTER PRESENTATION
- 13:30 **Three Lectures by Rising Stars, N.N.**
- 14:30 COFFEE BREAK & POSTER PRESENTATION

100th Anniversary of Georg Manecke (1916-1990)
Award Ceremony for the Georg-Manecke-Preis 2016
Awarded by the German Chemical Society for Young Researchers

- 15:00 Welcome by Prof. Katharina Landfester
Member of the Georg-Manecke-Preis Committee
- 15:05 Achievements and Footprints of Georg Manecke
Prof. Oskar Nuyken and Prof. Rainer Haag
- 15:25 Laudatio for the Awardee and Award Ceremony
- 15:35 Lecture of the Awardee
- 16:00 **Biomimetic Polymeric Materials**
Rolf Mülhaupt | Albert-Ludwigs-Universität Freiburg
- 16:45 POSTER PRIZES & CLOSING REMARKS (Prof. Rainer Haag)
- 17:00 End of the Conference