From Membranes to Cells

7 - 8 November 2016 | Forschungszentrum Jülich | Jülich | Germany

Scope:
The symposium covers the structure and dynamics of complex fluids, soft matter, and biological systems, from colloids and (bio)polymers to the motion of cells, with emphasis on over 15 years of research at the Institute of Theoretical Soft Matter and Biophysics (ICS-2/IAS-2). This links fundamental aspects of statistical physics from membranes right up to complex biological structures, such as cells or swimming bacteria. Moreover, it provides a perspective on future developments in this dynamic field of research.

Invited speakers:
Wim Briels (University of Twente)  
Jan Dhont (FZ Jülich)  
Siegfried Dietrich (MPI Stuttgart)  
Hansjörg Dittus (DLR Cologne)  
Erwin Frey (LMU Munich)  
Benjamin Kaupp (FZ caesar Bonn)  
Kurt Kremer (MPI Mainz)  
Joachim Krug (University of Cologne)  
Reinhard Lipowsky (MPI Potsdam)  
Hartmut Löwen (University of Düsseldorf)  
David Nelson (Harvard University)  
Roland Netz (FU Berlin)  
Ignacio Pagonabarraga (University of Barcelona)  
Michael Schick (University of Washington)  
Friederike Schmid (University of Mainz)  
Ulrich Schwarz (University of Heidelberg)  
Udo Seifert (University of Stuttgart)  
Holger Stark (TU Berlin)  

Deadline for registration: 1 October 2016  
Registration and further information: www.fz-juelich.de/ics/FMTC2016  
Contact: fmtc2016@fz-juelich.de