



SFB 937

# List of guests

## Wintersemester 2016/2017

Date	Name	University/Institute	Title
18/10/2016	Dr. Benjamin M. Friedrich	Biological Algorithms Group Technische Universität Dresden	Swimming, steering, and synchronization: Nonlinear dynamics and fluctuations of flagellar swimmers
01/11/2016	Prof. Plamen Ivanov	Director, Keck Laboratory for Network Physiology Physics Department, Boston University and Division of Sleep Medicine, Brigham and Women's Hospital Harvard Medical School	Network Physiology: Mapping interactions between complex physiological systems
15/11/2016	Prof. Dr. Matthias Schneider	Technische Universität Dortmund	On the physical basis of communication in living systems in general and it's Specificity arising from thermodynamics
29/11/2016	Dr. Ilia Platzman	MPI for Medical Research, Heidelberg, University of Heidelberg	Droplet-Based Microfluidics for Synthetic Biology Applications
13/12/2016	Univ.-Prof. Dr. Thomas Franosch	Universität Innsbruck	Complex anisotropic transport in entangled biopolymer solutions, active Brownian particles, and the buckling transition of semiflexible polymers
10/01/2017	Dr. Till Kranz	Institut für Materialphysik im Weltraum Deutsches Zentrum für Luft- und Raumfahrt (DLR)	Effective Dynamics of Microorganisms Interacting with their own Trail
31/01/2017	Dr. Jan Christoph	Max Planck Institute for Dynamics and Self-Organization, Göttingen	A novel approach to unraveling the mechanisms underlying cardiac fibrillation: the collective dynamics of coupled cardiac electro-elasto-mechanics
21/02/2017	Dr. Viviane Lütz-Bueno	Paul Scherrer Institut Schweiz	Scanning-SAXS microscopy: Higher dimensionality, information level and reconstruction complexity