

List of Speakers
SFB 863 – International Workshop
Venice 2016

Dennis Discher	School of Engineering and Applied Science, University of Pennsylvania, USA	From Matrix Mechanics to nuclear Rheology in Develop- ment and Cancer
Karl Duderstadt	Structure and Dynamics of Molecular Machines, Max-Planck-Institute of Biochemistry, Martinsried, Germany	Imaging the coordination dynamics within single replisomes
Dan Fletcher	Department of Bioengineering, University of California, Berkely, USA	Mechanical regulation of actin networks
Gerhard Hummer	Theoretische Biophysik, Max-Planck-Institute for Biophysics, Frankfurt, Germany	Extracting accurate free energy surfaces and rates from pulling experiments
Frank Jülicher	Dept. Biological Physics, Max-Planck-Institute for the Physics of Complex Systems, Dresden, Germany	Left-right Asymmetry in the Actomyosin Cell Cortex
Andres Leschziner	Department of Cellular and Molecular Medicine, University of California, San Diego, USA	Take that Porsche! The many gears of the dynein motor
Maxence Nachury	James H. Clark Center, Stanford University, California, USA	Tubulin acetylation protects long-lived microtubules against mechanical aging
Samara Reck-Peterson	Department of Cellular and Molecular Medicine, University of California, San Diego, USA	A systems-scale analysis of intracellular transport
Ralf Seidel	Molecular Biophysics Group, Institute of Experimental Physics I, University of Leipzig, Germany	Target recognition and verification by CRISPR-Cas enzymes
Iva Tolic	Laboratory of Cell Biophysics, Ruđer Bošković Institute, Zagreb, Croatia	Forces in the mitotic spindle