



Programm DEMAIN, Workshop 2014, Sept. 30 – Oct. 2, 2014

Sept, 30	Oct, 1	Oct 2
	09.00 – 10.00 Wolfgang Lück (Bonn): Homological Methods in mathematics	09.00 – 10.00 Andreas Draguhn (Heidelberg): Patterned activity in neuronal networks-methods, present knowledge and challenges
	10.00 – 11.00 Christof Schütte (Berlin): Efficient Modelling of Macro-Scales in Complex Processes Exhibiting Metastability	10.00 – 11.00 Peter Stadler (Leipzig): Global and local structures in discrete energy landscapes
11.00 – 12.00 Gero Friesecke (München): (Title: tba)	11.00 – 11.30 Coffee break	Coffee and Goodbye / Lunch
12.00 - 14.00 LUNCH	11.30 – 12.30 Lucy Colwell (Cambridge) Using evolutionary sequence variation to make inferences about protein structure and function	
14.00 - 15.00 Axel Haverich (Hannover): From organ transplantation to organ printing	12.30 – 14.30 LUNCH	
15.00 – 16.00 Joachim Weickert (Saarbrücken): Drift-Diffusion Models for Image Processing and Computer Graphics	14.30 – 15.30 Bernd Sturmfels (Berkeley): Beyond Linear Algebra	
	15-30 – 16.30 Ilena Streinu (Northampton): Maxwell's Problem, 150 years later. From Bridges to Proteins and Crystal	
DINNER	DINNER	

Organizers: E. Bornberg-Bauer, J. Cuntz, H.-C. Pape, O. Schober, A. Stevens, K. Tent