

23.09.2013		
13:00 - 13:10 Uhr	Opening remarks	
13:10 - 13:50 Uhr	Ivo Große (U Halle):	'The green hourglass'
13:50 - 14:15 Uhr	Jörg Galle (U Leipzig)	'Individual cell-based models of regenerative tissue'
14:15 - 14:40 Uhr	Johannes Neitsch (U Leipzig)	'Modeling cells with a network of viscoelastic-elements'
14:40 - 15:10 Uhr	Birgitta König-Ries (U Jena)	'Challenges and Chances of Data Management for Biodiversity Projects'
15:10 - 15:40 Uhr	Coffee break	
15:40 - 16:05 Uhr	Florian Centler (UFZ Leipzig-Halle)	'Inferring microbial interactions in a hydrocarbon-contaminated aquifer'
16:05 - 16:30 Uhr	Eva Grafahrend-Belau (IPK Gatersleben)	'Multiscale metabolic modeling: dynamic flux balance analysis on a whole plant scale'
16:30 - 16:55 Uhr	Jyotasana Gulati (MPICE Jena)	'Statistical framework to elucidate systemic signaling induced transcriptional and metabolic responses in <i>Nicotiana attenuata</i> '
16:55 - 17:25 Uhr	Peter Stadler (U Leipzig)	'Atypical RNAs in Vertebrate Transcriptomes'
17:30 - 18:30 Uhr	Poster session	
24.09.2013		
09:00 - 09:25 Uhr	Ina Coburger (FLI Jena)	'Structure and function of the amyloid precursor protein APP in Alzheimer's Disease'
09:25 - 09:50 Uhr	Mika Tarkka (UFZ Leipzig-Halle)	'Analysis of biotic interactions by RNAseq based on a reference transcriptome'
09:50 - 10:15 Uhr	Bryan Downie (FLI Jena)	'Improving long-range contiguity of an ALLPATHS-LG based draft vertebrate genome assembly with KILAPE scaffolder and optical mapping'
10:15 - 10:40 Uhr	Jan Grau (U Halle)	'The Jstacs library and its application to de-novo motif discovery'
10:40 - 11:10 Uhr	Coffee break	
11:10 - 11:35 Uhr	Sebastian Böcker (U Jena)	'Fragmentation trees reloaded'
11:35 - 12:00 Uhr	Christian Kost (MPICE Jena)	'Less is more – Bacterial gene loss results in division of labour and the formation of intercellular networks'
12:00 - 12:25 Uhr	Glen D'Souza (MPICE Jena)	'Lose to gain: Adaptive fitness benefits drive prevalent loss of biosynthetic genes in bacteria'
12:25 - 12:50 Uhr	Christoph Kaleta (U Jena)	'Tuned for speed – Elucidation of strategies for rapid metabolic adaptations in prokaryotes'