

## Thursday 22.10.2009

### Session I:

Chair: Ivo Hofacker

15:00	Lorenz	Ronny	Vienna RNA package	15
15:20	Germanicus	Christionchus	Vienna RNA package	15
15:40	Smith	Martin	A nice talk from a guest ;)	15
5min break				
16:05	Gruber	Andreas	17 1/2 Weeks	25
16:35	Reiche	Kristin	RNA Bioinformatics in a wet lab (ncRNAs controlled in cell cycle and apoptosis)	25
5min break				
17:10	Bernhart	Stephan	We will see ;)	15
17:30	Ghanbarnejad	Fakhteh	Discrete vs. continuous regulatory dynamics	15
17:50	Ullrich	Alexander	Evolution and Analysis of Metabolic Networks	15

*DINNER: 18:15 - 19:15*

### Session II:

Chair: Gerik Scheuermann

19:15	Rohrschneider	Markus	Grid-based Visualization of Metabolic Networks	25
19:45	Jaenicke	Stefan	Visualization of perfect graph products	15
20:05	Heffel	Andreas	Automatic Analysis of Embryonic Drosophila Gene Expression Patterns	15
5min break				
20:30	Bernt	Matthias	Exploring the rearrangement explorer's potential	15
20:50	Kehr	Stephanie	snoRNAs homology search	25
5min break				
21:25	Bermudez-Santana	Clara Isabel	tRNA pair arrangement	15
21:45	Hoffmann	Steve	SNP detection	25

**Friday 23.10.2009****Session III:**Chair: Berni

15:00	Arnold	Christian	three weeks of experience at the beerformatics institute	15
15:20	Hernandez-Rosales	Maribel	Phylogeny	15
15:40	Wieseke	Nicolas	A Dynamic Programming Approach for Reconstructing the Co-phylogenetic History of Hosts and Parasites	25
5min break				
16:15	Otto	Christian	MaFln	25
16:45	Krieg	Oliver	The role of RNAi in HIV-1 infection	15
17:05	Lechner	Marcus	Ortholog detection and its applications	15
5min break				
17:30	Marchais	Antonin	NAPP, a Single-Pass method to detect ncRNA in Bacteria by phylogenetic profiling and its added values	25

*DINNER: 18: 00-19.15***Session IV:**Chair: Josef Leydold

19:15	Ostermeier	Philipp-Jens	Quasi-robust cycle bases	20
19:40	Gringmann	Lydia	Hypergraph Products	20
20:05	Hellmuth	Marc	perhaps:The Color-Continuation-Problem	15
10min break				
20:35	Stadler	Baerbel	Combinatorial Vector Fields and Valley Structure of Landscapes	15
20:55	Parikesit	Arli	TBA (Proteins of Genetic Regulation related)	15
21:15	Prohaska	Sonja	chromatin and domain co-occurrences	15

**Saturday 24.10.2009****Session V:**

Chair: Peter Stadler

15:00	Backofen	Rolf	RNA-RNA interactions	25
15:30	Lange	Sita	Machine learning of miRNA interactions	15
15:50	Maticzka	Daniel	Kinetics of RNA-RNA interactions	15
5min break				
16:15	Wintsche	Axel	RNA - Protein binding motifs	15
16:35	Qin	Jing	nice talk of a guest from China	25
5min break				
17:10	Kircher	Martin	Improving Illumina sequencing data quality	25
17:40	Langenberger	David	Classification and identification of non coding RNAs using high throughput sequencing	25

*DINNER: 18:15 - 19:15***Session VI:**

Chair: Joerg Hackermueller

19:15	Steiner	Lydia	wewewe - world wide words	15
19:35	Mueckstein	Ulrike	Thermodynamics of microarray hybridisation	15
19:55	Gupta	Ishaan	Gotoh Games	15
5min break				
20:20	Bartschat	Sebastian	minor introns vs major introns	15
20:40	Lehmann	Joerg	Novel intron positions within coding genes of Drosophila	15
21:00	Otto	Wolfgang	Promoter meet ncRNA	15
5min break				
21:25	Engelhardt	Jan	Updates on the SoupViewer	15
21:45	Will	Sebastian	Match Probabilities in RNA Alignment	25