Opening «Russian - German Center for integrative biology and computation» (RCIBC).

RCIBC

April 18, 2011

Arrival, delivery to hotel "Sosnovka"

Cultural program (preliminary 16:00 – 18:00): excursion to geological museums

April 19, 2011
Sosnovka hotel, conference hall

Time	Speakers	Tentative title
9:45 – 10:15	Prof. Nikolay Kolchanov (IC&G)	Welcome speech; Presentation of ICG and research in computational biology fields
10:15 – 10:30	Prof. Ralf Hofestaedt (Bielefeld)	Welcome speech; German – Russian cooperation in bioinformatic and systems biology: problems and perspectives (RCIBC)
10:30 – 10:50	Lars Kaderali / Diana Claussnitzer (BioQuant)	Pathosys project: aims and perspectives
10:50 – 11:10	Dr. Vladimir Ivanisenko (IC&G)	Development of new mathematical algorithms for systems biology: "Pathosys" example
11:10 – 11:30	**TEA BREAK**	
11:30 – 11:50	Björn Sommer (Bielfeld Univ)	Visualization and Analysis of Biological Networks combining different Bioinformatic disciplines
11:50 – 12:10	Prof. Maria Samsonova (St-Petersburg)	Mechanisms of noise buffering in early Drosophila embryo
12:10 – 12:30	Dr. Christian Klukas (Gatersleben)	Integrated visualization and analysis of *omics data, networks and images
12:30 – 13:10	Dr. Jörn Grünewald (International Bureau of BMBF, Bonn)	Funding instruments of BMBF / International Bureau
13:10 – 13:40	Dr. Anna Hess (DAAD, Novosibirsk)	To be announced (preliminary: Funding instruments of DAAD)
13:40 – 14:00	Dr. Vadim Sharov (Bio NCP, Moscow)	Biotechnology, Agricultural and Food National Contact Point as a tool for Russian bioscience integration into European Research Area
14:00 – 15:00	**LUNCH**	
15:00 – 15:20	Prof. Karl-Josef Dietz (Bielefeld Univ)	Bioinformatics of Signaling Networks
15:20 – 15:40	Prof. Hans Binder (Leipzig)	Molecular phenotypic portraits – exploring the 'omes' with individual resolution
15:40 – 16:00	Prof. Viatcheslav Mordvinov (IC&G)	Food-borne helminthes: biology, epidemiology and molecular diagnostics of liver flukes
16:00 – 16:15	**TEA BREAK**	
	RCIBC seminar/DAAD presentations (R. Hofestaedt, K.-J. Dietz, V. Ivanisenko, C. Klukas, A. Hess, J. Grünewald)	
16:15 – 19:15	Participants (short presentations):	I. Medvedeva "Analysis of protein functional sites encoding features"

	S. Janowski D. Braun B. Sommer E. Tiys A. Bragin T. Ivanisenko I. Medvedeva O. Saik	E. Tiys "Automated reconstruction of associative gene networks" A. Bragin "Prediction of protein allergenicity" T. Ivanisenko "ITMSys: Interactive Text-mining System" O. Saik "Gene regulation in metabolic networks" S. Janowski: "Reconstruction of database-driven networks in the software application VANESA" Björn Sommer "3D Network Visualization in Vanesa and CELLmicrocosmos" David Braun "Parallel network analysis"

19.30 – Banquet ("Sosnovka")

April 20, 2011

Institute of Cytology and Genetics SB RAS

"Pathosys" seminar (Vladimir Ivanisenko, Maria Samsonova, Diana Claussnitzer, V. Likhoshvai)		
Time	**Speakers**	**Tentative title**
10:30 – 13:00	General talks & short presentations: Participants: Diana Claussnitzer Nurgazy Sulaimanov Elena Mischenko Vitaly Likhoshvai Ilya Akberdin Vika Mironova	Nurgazy Sulaimanov and Diana Clausznitzer "Mathematical modelling of Hepatitis C virus replication and systems biology of virus-host interactions ". Elena Mischenko. "Suppressive effect of potential individual drugs on subgenomic hepatitis C virus replication in Huh-7 cells: a mathematical model" Vitaly Likhoshvai "Gene networks theory". Ilya Akberdin "Modeling of molecular genetic systems in cell". Yuri Orlov "ChIP seq technology". Victoria Mironova "In silico analysis of the molecular genetic mechanisms of auxin actions in plant roots"
13:00 – 14:00	**LUNCH**	

14:30 – 16:00 Visit to Technopark
16:15 – 17:30 Cultural program (preliminary: Museum of Sun)
17:30 – 18:45 Dinner
19:00 – Cultural program (preliminary: Jazz concert), departure

April 21, 2011
Departure