

## Program

Wednesday 4.5.2011

12:00-16:00 Registration (At New Chateau)

16:30 Welcome (J.Paces, R.Vohnout)

16:40 Sepp Hochreiter, Linz  
(Title of the talk)

17:30 End of the Session, Organization

19:00 Dinner

19:30 Poster Session

Thursday 5.5.2011

Bioinformatics and Structures  
Chairman: Jiri Vondrasek

9:00 – 9:40  
Marian Novotny, PrF UK Praha  
On the importance of being left-handed and more

9:40 – 10:25  
Petr Cech, faculty hospital of UK, Prague  
mmView: a web-based viewer of the mmCIF format

10:25-10:45  
Coffee break

10:45-11:30  
Josef Panek, MBU AV CR, Prague  
Suboptimal structures in homology search for bacterial non-coding RNAs

11:30-11:55  
Boris Fackovec  
Bridging Biophysics and Bioinformatics - General Trends of Intramolecular Interactions In Proteins

12:00 – 14:00  
Lunch

14:00-14:40  
Jan Paces  
De-novo genomes assembly using high-throughput sequencing

14:40-15:20

Martin Kolar, IMG AS CR, Prague

Mouse 3T3 fibroblasts under the influence of cancer-associated fibroblasts acquire

15:20-16:00

Pavel Flegontov

Assembly and annotation of a scrambled mitochondrial genome of *Chromera velia*.

16:00-16-20

Coffee Break

16:20-16:50

Jiri Vondrasek

ELIXIR –an European Infrastructure for Biological data and its implementation in the Czech republic

16:50-17:20

Daniel Svozil, ICT Prague

Combined Informatics and Natural Sciences Curriculum at the ICT Prague.

17:20-18:00

Martin Mokrejs

Overview of current Roche 454 GS FLX Titanium sequencing projects at the institute

18:00

Concluding remarks (J.Vondrasek, J.Paces,R.Vohnout)

19:00

Dinner at New Chateau