

Workshop on Constraint Based Methods for Bioinformatics (WCB'09)

Sunday, September 20th, 2009

- 9:00** Opening.
- 9:10** Invited talk.
Ludwig Krippahl
- 9:40** Tagsnp selection using Weighted CSP and Russian Doll Search
with Tree Decomposition.
David Allouche, Simon de Givry, Marti Sanchez, Thomas Schiex
- 10:00** Dynamical Compartments in Stochastic Concurrent Constraint Programming.
Luca Bortolussi, Alberto Policriti
- 10:20** A Constraint Model for Constrained Hidden Markov Models:
a first Biological Application.
Henning Christiansen, Christian Theil Have, Ole Torp Lassen, Matthieu Petit
- 10:40** Haplotype Inference Combining Pedigrees and Unrelated Individuals.
Ana Graca, Ines Lynce, Joao Marques-Silva, Arlindo L. Oliveira
- 11:00** Coffee Break
- 11:30** Statement of Ongoing Work: Extending Boolean Satisfiability Techniques
for Haplotype Inference by Pure Parsimony.
Eric I. Hsu, Sheila A. McIlraith
- 11:50** Equivalence Classes of Optimal Structures in HP Protein Models
Including Side Chains.
Martin Mann, Rolf Backofen, Sebastian Will
- 12:10** Constraint-based Local Move Definitions for Lattice Protein Models
Including Side Chains.
Martin Mann, Mohamed Abou Hamra, Kathleen Steinhfel, Rolf Backofen
- 12:30** Closing.