

## KUBIC-NII Joint Seminar on Bioinformatics 2012

organized by

Bioinformatics Center, Institute for Chemical Research, Kyoto University and

National Institute of Informatics

### Date

Thursday, April 26, 2012

### Venue

Kyoto University, Uji, Kyoto 611-0011, Japan  
Bioinformatics Center, Institute for Chemical Research,  
3F, Seminar Room CB316.

### Access

- [Location and Transportation to Uji Campus of Kyoto University](#)
- [Vicinity of Uji Campus](#)
- [Uji Campus Map](#)

### Participants (alphabetical order)

<a href="#">Tatsuya Akutsu</a>	Institute for Chemical Research, Kyoto University, Japan
Hei Chan	Institute of Statistical Mathematics, Japan
<a href="#">Maxime Folschette</a>	École Centrale de Nantes, France
<a href="#">Morihiro Hayashida</a>	Institute for Chemical Research, Kyoto University, Japan
<a href="#">Katsumi Inoue</a>	National Institute of Informatics, Japan
<a href="#">Jesper Jansson</a>	The Hakubi Project, Kyoto University, Japan
Hitoshi Koyano	Institute for Chemical Research, Kyoto University, Japan
Le Thi Anh Thu Pham	Ho Chi Minh City University of Information Technology, Vietnam
Tony Ribeiro	Université d'Angers, France
<a href="#">Nicolas Schwind</a>	National Institute of Informatics, Japan
<a href="#">Takehide Soh</a>	Kobe University, Japan
<a href="#">Takeyuki Tamura</a>	Institute for Chemical Research, Kyoto University, Japan
Tomoya Tanjo	Transdisciplinary Research Integration Center, Japan

### Programme

9:30 - 10:00	Opening
10:00 - 10:30	*Katsumi Inoue and Chiaki Sakama Oscillating Behavior of Logic Programs
10:30 - 11:00	*Takeyuki Tamura Modeling and Analysis of Gene Regulatory Network
11:00 - 11:30	*Maxime Folschette, Katsumi Inoue, Olivier Roux, Morgan Magnin, and Loic Pauleve Inferring Thomas' Modeling Interaction Graph and Parametrization from Process Hitting Framework using ASP
11:30 - 13:00	Lunch
13:00 - 13:30	*Tatsuya Akutsu Theoretical and Practical Algorithms for Edit Distance between Unordered Trees
13:30 - 14:00	Pierre Marquis and *Nicolas Schwind Lost in Translation: Language Independence in Propositional Logic - Application to Belief Revision and Belief Merging
14:00 - 14:30	*Jesper Jansson Fast Algorithms for Computing a Consensus of MUL-Trees
14:30 - 14:50	Coffee Break
14:50 - 15:20	*Tomoya Tanjo, Naoyuki Tamura, Mutsunori Banbara, and Katsumi Inoue Azucar: A SAT-based CSP Solver using Compact Order Encoding
15:20 - 15:50	*Morihiro Hayashida Protein Complex Prediction via Improved Verification Methods using Constrained Domain-Domain Matching
15:50 - 16:10	Coffee Break
16:10 - 16:40	*Hei Chan Representing Causality using Graphs and Identifying the Causal Effects
16:40 - 17:10	*Hitoshi Koyano Probability Theory on a Monoid of Strings and its Application to Molecular Evolution
17:10 - 17:40	*Tony Ribeiro A Multi-Agent Reasoning Framework using Answer Set Programming in Dynamic Environment

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