
KUBIC-NII Joint Seminar on Bioinformatics 2011

organized by
Bioinformatics Center, Institute for Chemical Research, Kyoto University and
National Institute of Informatics

Date

Wednesday, April 27, 2011

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)

Tatsuya Akutsu	Institute for Chemical Research, Kyoto University, Japan
Gauvain Bourgne	National Institute of Informatics, Japan
Morihiro Hayashida	Institute for Chemical Research, Kyoto University, Japan
Katsumi Inoue	National Institute of Informatics, Japan
Avraham Melkman	Ben-Gurion University of the Negev, Israel
Johannes Oetsch	Vienna University of Technology, Austria
Takehide Soh	The Graduate University for Advanced Studies, Japan
Toyoyuki Takada	National Institute of Genetics, Japan
Takeyuki Tamura	Institute for Chemical Research, Kyoto University, Japan
Yoshitaka Yamamoto	University of Yamanashi, Japan

Programme

10:00 - 10:40	Tatsuya Akutsu Control of Deterministic and Probabilistic Boolean Networks
10:40 - 11:20	Katsumi Inoue Relating Boolean Networks to Logic Programming
11:20 - 12:00	Avraham Melkman SAT and Singleton ATtractors of Boolean Networks
	(60 minutes Break)
13:00 - 13:30	Toyoyuki Takada Functional Genomics of Energy Metabolism Powered by Mouse Inter-subspecific Genome Diversity
13:30 - 14:10	Morihiro Hayashida Conditional Random Field Approach to Prediction of Protein-Protein Interactions Using Domain Information
14:10 - 14:40	Yoshitaka Yamamoto Towards Pathway Completion on Glucose Repression by Logical Modeling
	(20 minutes Break)
15:00 - 15:30	Takehide Soh*, Katsumi Inoue, Tomoya Baba, and Toyoyuki Takada Predicting Gene Knockout Effects via Enumeration of Minimal Pathways

15:30 - 16:10	Takeyuki Tamura Reaction Cut and Impact Degree of Metabolic Network on Boolean Model
	(20 minutes Break)
16:30 - 17:00	Gauvain Bourgne* and Katsumi Inoue Partition-based Consequence Finding in Biological Networks
17:00 - 17:30	Esra Erdem, Katsumi Inoue, Johannes Oetsch*, Jörg Pührer, Hans Tompits, and Cemal Yilmaz Answer-Set Programming as a New Approach to Event-Sequence Testing

Contact

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[Back to Events](#)

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