
KUBIC-NII Joint Seminar on Bioinformatics

organized by

Institute for Chemical Research, Kyoto University and
National Institute of Informatics

Date

May 28th 2010

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, tentative)

Tatsuya Akutsu	Bioinformatics Center, Kyoto University, Japan
Gauvain Bourgne	National Institute of Informatics, Japan
Morihiro Hayashida	Bioinformatics Center, Kyoto University, Japan
Matej Holec	Czech Technical University in Prague, Czech
Katsumi Inoue	National Institute of Informatics, Japan
Yuki Kato	Bioinformatics Center, Kyoto University, Japan
Takehide Soh	The Graduate University for Advanced Studies, Japan
Takeyuki Tamura	Bioinformatics Center, Kyoto University, Japan
James Ray Wagner	McGill University, Canada

Programme

10:00 - 10:40	Tatsuya Akutsu: "A Bisection-Type Algorithm for Grammar-Based Compression of Ordered and Unordered Trees" [Abstract]
10:40 - 11:20	James Ray Wagner: "Understanding the Causes of Genetic Difference in Humans" [Abstract]
	(100 minutes Break)
13:00 - 13:40	Morihiro Hayashida: "Measuring the Similarity of Protein Structures and Biological Networks using Compression Algorithms" [Abstract]

13:40 - 14:20	Takehide Soh: "Identifying Necessary Reactions in Metabolic Pathways by Minimal Model Generation" [Abstract]
	(20 minutes Break)
14:40 - 15:20	Yuki Kato: "RactIP: Fast and Accurate Prediction of RNA-RNA Interaction using Integer Programming" [Abstract]
15:20 - 16:00	Matej Holec: "On Improving the Classification Accuracy of Machine Learning Methods on Gene Expression Data" [Abstract]
	(20 minutes Break)
16:20 - 17:00	Takeyuki Tamura: "Integer Programming-based Method for Completing Signaling Pathways and its Application to Analysis of Colorectal Cancer" [Abstract]
17:00 - 17:40	Katsumi Inoue: "Reasoning about Signaling Networks by Meta-level Abduction" [Abstract]

Contact

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