

August 5 - 6, 2013

Creative Research Institution, Hokkaido University

**Register NOW.** It's open to all for no charge.  
All researchers and students who are interested  
in the talks below are welcome.

mlab sapporo 2013



<http://www.cris.hokudai.ac.jp/takigawa/mlab2013/>

— 16 inspiring talks —

**Samuel Kaski**

(Aalto University, Finland)

Learning from Multi-Modal Data: Integration, Fusion, and Data Translation

**Ziv Bar-Joseph**

(Carnegie Mellon University, USA)

Algorithm in Nature

**Masashi Sugiyama**

(Tokyo Institute of Technology, Japan)

Change Detection in Multi-Dimensional Time Series: From Distributional Change to Structural Change

**Jean-Philippe Vert**

(Mines ParisTech, France)

Fast Lasso-based Isoform Prediction from RNA-Seq Data as a Flow Problem

**Motoki Shiga**

(Toyohashi University of Technology, Japan)

Non-negative Matrix Factorization with Auxiliary Information

**Martin Frith**

(AIST, Japan)

Adapting Classic Alignment Techniques to Modern High-Throughput DNA

**Canh Hao Nguyen**

(Kyoto University, Japan)

Discriminative Graph Embedding for Label Propagation

**Yayoi Natsume**

(JST PRESTO, Japan)

Detection of Time-Differences in Histone Modification

**Koji Tsuda**

(AIST, Japan)

Mining Combinatorial Regulations

**Shin-ichi Minato**

(Hokkaido University/JST ERATO, Japan)

Recent Research Activities on BDD/ZDD-Based Discrete Structure Manipulation

**Ian Johnston**

(Boston University, USA)

Spatially Weighting Genes in Variable Selection for GWAS

**Satoshi Morinaga**

(NEC, Japan)

Factorized Asymptotic Bayesian Inference for Sequential/Hierarchical Latent Variable Models

**David duVerle**

(AIST, Japan)

A Regularisation Path-Following Approach for Discovering Interactions in High-Dimensional Survival Data

**Toby Dylan Hocking**

(Tokyo Institute of Technology, Japan)

Learning to Compare Graph Layouts

**Ichigaku Takigawa**

(Hokkaido University, Japan)

Identifying Paired Substructures Significantly Shared among Interacting Structure Pairs

**Masayuki Karasuyama**

(Kyoto University, Japan)

Latent Factor based Subnetwork Feature Selection