

# BIBM 2012

## Workshop on Integrative Data Analysis in Systems Biology

Philadelphia, USA | October 4-7, 2012

<http://bioinfo.au.tsinghua.edu.cn/idasb2012>



### Workshop co-chairs

- Rui Jiang, China
- Huiru (Jane) Zheng, UK
- Zhongming Zhao, USA

### Program committee

- Patrizio Arrigo, Italy
- Michael Berthold, Germany
- Jaine Blayney, UK
- Fiona Browne, UK
- Danail Bonchev, USA
- Minghua Deng, China
- Werner Dublizky, UK
- Mingxin Gan, China
- Kun Huang, USA
- Hyunju Lee, Korea
- Kan Li, UK
- Xiaohui Liu, UK
- Xuemei Liu, China
- Piyush Ojha, UK
- Antonio Sanfilippo, USA
- Jingchun Sun, USA
- Li Shao, China
- Jun Wan, USA
- Haiying Wang, UK
- Lin Wan, USA
- Ying Wang, China
- Yong Wang, China
- Min Xu, USA
- Momiao Xiong, USA
- Hong Yue, UK
- Shihua Zhang, China
- Xingming Zhao, China

### Welcome to IDASB 2012 in BIBM 2012!

The workshop on Integrative Data Analysis in Systems Biology (IDASB 2012) is the third in a series of workshops that aim at providing a forum for discussion on such integrated data analysis approaches in systems biology as data representation and visualisation, pattern recognition, machine learning, and meta-analysis. This workshop will feature the theme of "integrated approach" and "complex biological system." Research areas include, but are not limited to:

- Large-scale or cross-species data integration for the reconstruction of networks and pathways
- Quantitative understanding of dynamics of regulatory, signalling, interaction and metabolic networks through modelling and simulation techniques
- Prediction of protein/RNA structure and biological networks interactions
- Data integration and knowledge driven approach in biomarker identification and drug discovery
- Enhancement and enablement of knowledge discovery in functional genomics of disease and other phenotypes through integrated omics approach
- Semantic webs and ontology-driven biological data integration methods
- Development of integrated systems biology visualisation and analysis tools

We invite you to submit papers with unpublished, original research describing recent advances on the areas related to this workshop. All papers will undergo peer review by the conference program committee. All papers accepted will be included in the Workshop Proceedings published by the IEEE Computer Society Press and will be available at the workshops. Authors of selected papers will be invited to extend their papers for submission to a special issue in the *International Journal of Computational Biology and Drug Design*.

### Important dates

- |                                  |                          |
|----------------------------------|--------------------------|
| ▪ Paper submission open:         | To be determined         |
| ▪ Paper submission deadline:     | July 30, 2012            |
| ▪ Paper acceptance notification: | August 20, 2012          |
| ▪ Camera-ready manuscript due:   | September 4, 2012        |
| ▪ <b>Workshop dates:</b>         | <b>October 4-7, 2012</b> |

### Query email

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