CALL for PAPERS

The annual IEEE International Conference on Bioinformatics and Bioengineering aims at building synergy between Bioinformatics and Bioengineering, two complementary disciplines that hold great promise for the advancement of research and development in complex medical and biological systems, agriculture, environment, public health, drug design. Research and development in these two areas are impacting the science and technology in fields such as medicine, food production, forensics, etc. by advancing fundamental concepts in molecular biology, by helping us understand living organisms at multiple levels, by developing innovative implants and bio-prosthetics, and by improving tools and techniques for the detection, prevention and treatment of diseases.

The BIBE series provides a common platform for the cross fertilization of ideas, and for shaping knowledge and scientific achievements by bridging these two very important and complementary disciplines into an interactive and attractive forum. Keeping this objective in mind, BIBE solicits original contributions in the following non exclusive lists of areas:

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**KEYNOTE SPEAKERS**

**Michael Levitt**
Member, American Academy of Arts & Sciences  
Member, National Academy of Sciences  
Fellow, The Royal Society  
Member, European Molecular Biology Organization  
Professor, Stanford University

**Satoru Miyano**
Head, Laboratory of DNA Information Analysis, University of Tokyo  
Head, Laboratory of Sequence Analysis, University of Tokyo  
Associate Editor, PLOS Computational Biology  
Associate Editor, IEEE/ACM Trans. on Computational Biology & Bioinformatics  
Editor, Journal of Bioinformatics and Computational Biology  
Editor, Lecture Notes in Bioinformatics

**PAPER SUBMISSION**

The submissions should contain original, high quality, not submitted or published elsewhere work. Papers should be submitted in PDF format and should conform to IEEE specifications. For more information, please visit the conference web site.

**PAPER PRESENTATION**

Each accepted paper should be presented by one of the authors and accompanied by at least one full registration fee payment, to guarantee publication in the conference proceedings. All accepted papers will be included in the proceedings of BIBE 2011 published by the IEEE, and will be indexed in EI, INSPEC, DBLP, IEEE Xplore and Library of Congress. Extended version of selected BIBE papers will be published in a special issue in the International Journal on Artificial Intelligence Tools and WSEAS Transaction on Biology and Biomedicine.

**IMPORTANT DATES**

Submission deadline: April 22, 2011  
Notification of acceptance: June 24, 2011  
Camera-ready version deadline: July 22, 2011

**FURTHER INFORMATION**

More information is available at http://bibe2011.asia.edu.tw