Call for Workshop Proposals

2010 IEEE International Conference on Bioinformatics and Biomedicine

18-21 December 2010, Hong Kong, China

The Program Committees of 2010 IEEE International Conference on Bioinformatics and Biomedicine (IEEE BIBM 2010) invite proposals for Workshops. The Workshops will be held within the Conference, 18-21 Dec 2010, Hong Kong, China.

The workshop organizers will be responsible for advertising the workshop, forming the program committees, reviewing and selecting the papers, and guaranteeing a high quality worthy of the prestige and range of the Conference. All papers accepted for workshops will be included in the Workshop Proceedings published by the IEEE Computer Society Press and will be available at the workshops.

The workshop organizers will also have the discretion of editing selected papers (after their expansion and revision) into books or special journal issues. Workshops should cover at least a single session (6 regular papers). The workshop organizers should ensure registration and presence of authors of accepted papers.

Workshop Topics

Each workshop subject will focus on new research challenges and initiatives in Bioinformatics and Biomedicine. The workshops should provide an informal and vibrant forum for researchers and industry practitioners to share their research results and practical development experiences in these two fields. Workshop topics may be narrow, e.g., “reverse-engineering” of gene regulatory networks from experimental data, computational approaches to drug discovery, mathematical modeling of signaling pathways, analysis of the next-generation sequencing data, oscillations and synchronization of biological rhythms; or wide, e.g., computational proteomics, in-silico diagnosis and prognosis, data mining and machine learning algorithms for biomedical applications, application of network research to biology etc. Prospective workshop organizers are encouraged to contact workshop chairs.

Important Dates

July 5, 2010: Workshop proposal submission due:
   a proposed workshop announcement is sent by e-mail to any of the Workshop Chairs
July 10, 2010: Notification to workshop proposers
July 20, 2010: Each workshop organizer sends out Call for Workshops Papers

Guidelines for Workshop Proposals

Proposals for 2010 IEEE BIBM Workshops should contain the following components.

1. Workshop Title (e.g., mathematical modeling of signaling pathways)
2. Introduction to workshop (a few sentences about the background, importance, purpose, interests, etc. of workshop)

3. Research topics included in the workshop (list a number of interesting topics or areas covered by workshop)

4. Important dates (Please do not change this part)
   - **October 10, 2010:** Due date for full workshop papers submission (at least two reviews for each paper)
   - **October 25, 2010:** Notification of paper acceptance to authors
   - **November 7, 2010:** Camera-ready of accepted papers
   - **December 18-21, 2010:** Workshops

5. Program Chairs or co-chairs: (1-3 experts in the research areas of workshop)

6. Program Committee Members: (at least 5 experts in the research areas)

7. Invited keynote speakers (optional)

We look forward to your supports in making 2010 BIBM workshops an exciting event.

**Workshop Chairs:**
Fangxiang Wu (University of Saskatchewan) (faw341@mail.usask.ca)
Diego di Bernardo (University of Naples "Federico II") (dibernardo@tigem.it)
Ting Fung Chan (The Chinese University of Hong Kong) (tf.chan@cuhk.edu.hk)