



## The 11<sup>th</sup> AEARU Workshop on Molecular Biology and Biotechnology

The Association of East Asian Research Universities

### Workshop on “Physical Biology”- Call for papers

**Date:** December 21–22, 2011

**Venue:** Hong Kong University of Science and Technology, Hong Kong

**Sponsors:** Division of Life Science(HKUST), Department of Physics (HKUST) and  
The Provost Office, HKUST

Living organisms are made up of metastable physical systems (cells) of biopolymers, studies of which are at the intersection between physical and biological sciences. With the accumulation of data in molecular and systems biology, complexity of biological systems can now be tackled by physical and engineering approaches. Similarly, biological sciences will benefit with a quantitative understanding of biological systems. The very different investigative approaches between physical and biological sciences are potentially cross-fertile and their successful integration will enable the tackling of completely new issues, as well as transforming both disciplines themselves.

#### Themes of the Workshop

The workshop provides the forum to exchange the recent progress and ideas related to physical biology. The topics of the workshop include, but not limited to the following areas;

Physical Biology of Biopolymers and Cells, Biomechanics and Microfluidics, Applied Physical Biology

The workshop will include Invited talks, selected talks, Poster sessions and banquet.

#### Tentative Schedule

- September, 2011: Submission deadline for presentation title and abstract (approx. 200 words)
- November, 2010: Notification of acceptance

#### Registration

Online registration will be available from February, 2011 (<http://ihome.ust.hk/~aearu11>).

Full registration fee: HK\$900. Research students can register free of charge.

In order to encourage student/postdoctoral participation in the AEARU workshop from different AEARU universities, a limited number of AEARU workshop awards (up to US\$ 750) are available to provide partial assistance with travel, accommodation and registration expenses (Supported by the AEARU).

#### Organizing committee

**Co-Chair:** Prof. Joseph T.Y. Wong (Division of Life Sciences, HKUST) and

Prof. Weijia Wen (Department of Physics, HKUST)

Prof. Karl Tsim (Division of Life Sciences, HKUST)

Prof. Yung Hou Wong (Division of Life Sciences, HKUST)

Prof. Nancy Ip (Division of Life Sciences, HKUST)

Prof. Ng Tai Kai (Department of Physics, HKUST)

Prof. I-Ming Hsing (Department of Chemical and Biomolecular Engineering, HKUST)

For general information of the Workshop, HKUST (<http://www.ust.hk/eng/index.htm>) and Hong Kong, please email to:

Ms Dora Wong, (Tel: 0852-23587255; email: [bopldora@ust.hk](mailto:bopldora@ust.hk))

Secretary of the Organizing Committee,

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c/o Division of Life Science, Hong Kong University of Science and Technology

Clearwater Bay, Kowloon, Hong Kong