

**Sixth International Conference on Genetic and Evolutionary Computing  
(ICGEC-2012)**

**August 25–28, 2012, Kitakyushu, Japan**

**Call for Paper**

**ICGEC-2012-IS13**

**Invited Session on Ubiquitous Biomedical Systems and Applications**

**Session Organizer: Prof. Chin-Hsien Wu, Prof. Zeng-Wei Hong, and Prof.  
Yen-Lin Chen**

We are organizing an invited session on Ubiquitous Biomedical Systems and Applications for ICGEC-2012, which will be held in Kitakyushu, Japan on August 25-28, 2012. Ubiquitous systems and applications have been applied on many domains and aspects, such as software design, hardware design, hardware/software co-design, multimedia signals, (real-time) operating systems, and specific embedded software. Therefore, this session deals with innovative technologies, developments, and case studies of biomedical informatics and systems. Topics of interest include, but are not limited to:

- Embedded Systems for biomedical applications
- Development of biomedical informatics
- Image processing for biomedical systems and applications
- Mobile computing for biomedical applications
- Visualization
- Pattern Recognition, Clustering and Classification
- Computational Molecular Systems

**Submissions:**

Papers are invited from prospective authors with interest on the related areas. Each paper should follow the IEEE format with title, author's names, affiliation, email addresses, an up to 150-words abstract, and a two-column body with 4 single-spaced pages and with font size at 10 pts. Details of the required paper format are published at the official ICGEC-2012 website (<http://bit.kuas.edu.tw/~icgec12>). Proceedings of ICGEC-2012 will be published by the Conference Publishing Service of the IEEE Computer Society. Normally, it will be indexed by to IET INSPEC, EI (Compendex), Thomson ISTP, DBLP. All papers must be submitted electronically in PDF format only and be E-mailed to: Prof. Chin-Hsien Wu at [chwu@mail.ntust.edu.tw](mailto:chwu@mail.ntust.edu.tw).

**Important Dates:**

Deadline for paper submission: May 31, 2012

Notification of acceptance: June 30, 2012

Deadline for camera-ready manuscript submission: July 15, 2012

**For more information please contact:**

Prof. Chin-Hsien Wu

Department of Electronic Engineering, National Taiwan University of Science and Technology, Taipei, Taiwan

E-mail: [chwu@mail.ntust.edu.tw](mailto:chwu@mail.ntust.edu.tw)

Prof. Zeng-Wei Hong

Department of Computer Science and Information Engineering, Asia University, Taichung Taiwan

E-mail: [stewart@asia.edu.tw](mailto:stewart@asia.edu.tw)

Prof. Yen-Lin Chen

Department of Computer Science and Information Engineering, National Taipei University of Technology, Taipei, Taiwan

E-mail: [ylchen@csie.ntut.edu.tw](mailto:ylchen@csie.ntut.edu.tw)