



The 2nd International Conference on Innovations in Bio-inspired Computing and Applications (IBICA 2011)

16th - 18th December 2011, Shenzhen, China

Honorary Chairs:

Guang-Jun Jin, Harbin Institute of Technology, China
Chin-Chen Chang, Feng Chia University, Taiwan
Lakshmi C. Jain, University of South Australia, Australia

Program Chairs:

Chao-Ho Chen, Harbin Institute of Technology, China
Janusz Kacprzyk, Systems Research Institute Polish Academy of Sciences, Poland

Program Co-Chairs:

Antonia Azzini, University of Milan, Italy
Mong-Fong Horng, National Kaohsiung University of Applied Sciences, Taiwan
Zhe-Ming Lu, Zhe Jiang University, China
Zhihua Cui, Taiyuan University of Science and Technology, China

Conference Chairs:

Jeng-Shyang Pan, National Kaohsiung University of Applied Sciences, Taiwan
Ajith Abraham, Norwegian University of Science and Technology, Norway
Qun Ding, Heilongjiang University, China
Kexin Wei, Tianjin University of Technology, China

Advisory Chair:

Gerald Schaefer, Loughborough University, UK
Bin-Yih Liao, National Kaohsiung University of Applied Sciences, Taiwan
You-Fu Du, Yangtze University, China
Ming-Yue Ding, Huazhong University of Science and Technology, China
Xia Li, Shenzhen University, China
Albert Zomaya, The University of Sydney, Australia
Xinjie Yu, Tsinghua University, China

Invited Session Chairs:

Tomohiro Murata, Waseda University, Japan
Yun-Liang Wang, Tianjin University of Technology, China

Publication Chair:

Kuo-Kun Tseng, Harbin Institute of Technology, China

Local Organizing & Finance Chair:

Hao Wen Lin, Harbin Institute of Technology, China

Important Dates:

- The deadline for paper submission: **14th August, 2011 (Extended)**
- The date for notification: **30th August**
- Camera-ready paper submission by: **30th September**

IBICA 2011 is the 2nd International Conference on Innovations in Bio-inspired Computing and Applications. The first event, IBICA 2009 was hosted in India with great success. The aim of IBICA 2011 is to provide a platform for world research leaders and practitioners, to discuss the “full spectrum” of current theoretical developments, emerging technologies, and innovative applications of Bio-inspired Computing. Bio-inspired Computing is currently one of the most exciting research areas, and it is continuously demonstrating exceptional strength in solving complex real life problems. The main driving force of the conference is to further explore the intriguing potential of Bio-inspired Computing. IBICA 2011 will be held in Shenzhen of China, which is one of the fastest growing cities in the world, and it is the financial, manufacturing, and international trade powerhouse of China. The city will paint the perfect backdrop for IBICA 2011.

The IBICA 2011 organizing committee is inviting the submission of papers that present high quality, original, and not previously published work in the related areas. All submissions will be thoroughly peer-reviewed by multiple reviewers to ensure quality and unbiased comments. Papers that discuss the successful application of Bio-inspired computing techniques in solving real life problem will be highly regarded. IBICA 2011 proceedings will be published by IEEE Computer Society Conference Publishing Services, which is typically indexed by IET INSPEC, EI (Compendex), Thomson ISTP, and DBLP. Exceptional quality papers will also be invited for further extension, and be considered for publication on journals and book series that are strongly associated with the conference series.

The scope of IBICA 2011 includes, but is not limited to, the following topics:

- Artificial Immune Systems
- Artificial Intelligence
- Artificial Neural Networks
- Cellular Automaton
- Cognitive Modeling
- Differential Evolution
- Emergent Systems
- Evolutionary Strategies/Programming
- Fuzzy Logic
- Genetic Algorithms/Programming
- Organic Computing
- P Systems
- Particle Swarm Optimization
- Rule-based Reasoning

Submission

Please submit your papers via the online submission system located at <http://bit.kuas.edu.tw/~ibical1>

Contact

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