



Seventh International Conference on Swarm Intelligence (ICSI'2016)

June 25-30, 2016, Padma Resort, Bali, Indonesia

ICSI 2016 Call for Papers

The seventh International Conference on Swarm Intelligence (ICSI'2016) serves as a very important forum for researchers and practitioners to exchange latest advantages in theories, technologies, and applications of swarm intelligence and related areas. The ICSI'2016 is the seventh annual event in the high-reputation ICSI series after Beijing joint event (ICSI-CCI'2015), Hefei event (ICSI' 2014), Harbin event (ICSI' 2013), Shenzhen event (ICSI' 2012), Chongqing event (ICSI' 2011) and Beijing event (ICSI'2010). Papers presented at ICSI'2016 will be published in Springer's Lecture Notes in Computer Science (indexed by EI, ISTP, DBLP, SCOPUS, Web of Science ISI Thomson, etc.), some high-quality papers will be selected for SCI-indexed Transaction and Journal (including *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, *Natural computation*, etc.).

Bali is a famous Indonesian island with the provincial capital at Denpasar. Lying between Java to the west and Lombok to the east, this island is renowned for its volcanic lakes, spectacular rice terraces, stunning tropical beaches, ancient temples and palaces, dance and elaborate religious festivals. Bali is also the largest tourist destination in the country and is renowned for this highly developed arts, including traditional and modern dance, sculpture, painting, leather, metalworking, and music. Since the late 20th century, the province has had a big rise in tourism. Bali received the Best Island Award from Travel and Leisure. According to BBC Travel, Bali is one of the World's Best Islands! We are sure that you will have a wonderful experience in Bali Island during ICSI 2016.

Topics of interest include, but are not limited to:

Theories	Algorithms	Models	Applications
<ul style="list-style-type: none"> ● Swarm-based optimization techniques ● Swarm computing ● Swarm robotics ● Artificial life ● Bioinformatics ● Cognitive science ● Social evolution ● Optimization theories and methods ● Immune system theory ● Evolutionary computing ● Grammatical evolution ● Natural computing theories ● Simulation and emulation of nature ● Collective/Social intelligence ● Social intelligence ● Social computing 	<ul style="list-style-type: none"> ● PSO algorithms ● ACO algorithms ● FSS algorithms ● Bees algorithms ● ABC algorithms ● BSO algorithm ● Cultural/Social algorithms ● Genetic algorithms ● Differential evolution ● Fireworks algorithms ● Memetic algorithms ● Bio-inspired algorithms ● Evolutionary programming ● Evolutionary strategy and learning systems ● GPU Parallelization of swarm- algorithms ● GPU Parallelization Implementation ● Other swarm-based algorithms 	<ul style="list-style-type: none"> ● swarm models ● Multi-agent systems ● Artificial immune system ● Evolutionary intelligent agents ● Analytic models of emergent behaviors ● Evolving fuzzy system ● Evolving neural networks ● Bio-inspired computing models ● Socio-inspired computing models ● Routing and scheduling ● MOO, ManyOO ● Constrained OP ● Dynamic OP ● Combinatorial OP <p style="text-align: center;">Emerging areas</p> <ul style="list-style-type: none"> ● Molecular computing ● DNA computing ● Quantum computing ● Granularity computing 	<ul style="list-style-type: none"> ● Big Data ● Deep learning ● Data mining ● Machine learning ● Pattern recognition ● Automatic control ● Intelligent traffic ● Web intelligence ● Internet+ techniques ● Information security ● Signal / Image processing ● Pattern recognition ● Virtual reality ● 2D or 3D virtual swarms ● Video surveillance ● Telecommunications systems ● Cybernetics and self-organization ● Natural language processing ● Other swarm intelligence related applications

General Chairs

Ying Tan, Peking University, China
Russell C. Eberhart, IUPUI, USA

Program Committee Chair

Yuhui Shi, XJT-Liverpool Univ., CN-UK

Advisory Committee Chairs

Gary G. Yen, OkState Univ., USA
Jun Wang, Chinese Univ. of Hong Kong

Technical Committee Co-chairs

Haibo He, Uni. of Rhode Island, USA
Hideyuki Takagi, Kyushu Univ., Japan
P.N. Suganthan, Nanyang Tech. Univ. SP
Xiaodong Li, RMIT University, Australia
A. Engelbrecht, Uni. of Pretoria, S. Africa
M. Middendorf, ULeipzig, Germany

Plenary Session Chairs

Nikola Kasabov, Auck. Uni of Tech, NZ
Rachid Chelouah, EISTI, France

Special Session Chairs

Shi Cheng, Lottingham Uni, CN-UK
Ben Niu, Shenzhen Univ., China
Yuan Yuan, Chinese Acade. of Sciences

Invited Speakers Session Chairs

Liangjun Ke, Xi'an Jiao Tong Univ. China
Komla Folly, Univ. Cape Town, S. Africa

Tutorial Chairs

Milan Tuba, Univ. of Belgrade, Serbia
Dunwei Gong, China Univ. Min. & Tech
Li Li, Shenzhen Univ., China

Symposia Chairs

MaoGuo Gong, NW U Polytech, China
Yan Pei, University of Aziz, Japan

Publication Chairs

Radu-Emil Precup, UPT, Romania
Swagatham Das, Indian Stati Institute

Finance and Registration Chairs

Chao Deng, Peking University, China
Andreas Janecek, Univ. Vienna, Austria
Suicheng Gu, Google Corporation, USA

Publicity Chairs

Yew-Soon Ong, NTU, Singapore
C. A. C. Coello, CINVESTAV-IPN, Mexico
Pramod K. Singh, Indian Inst. of ITM
Yaochu Jin, University of Surrey, UK
F. Buarque, Uni. of Pernambuco, Brazil
E. Semenkin, Siberian Aerospace Univ.
Somnuk P.A., Institut Teknologi, Brunei

Sponsors

Peking University
Xi'an Jiaotong-Liverpool University

Technical Co-sponsors

IEEE Computational Intelligen. Society
World Federation of Soft Computing
International Neural Network Society
XingHui Hi-Tech Co. Springer-Verlag

Important Dates

proposals deadline for Special sessions
and Tutorials and Symposia:-----January 01, 2016
Paper submission deadline:-----January 30, 2016
Notification of acceptance:-----March 15, 2016
Author registration deadline:-----March 30, 2016
Camera-ready copy deadline:-----April 15, 2016



Weixin QR Code

Information and Enquiry

Contact: Mr. Weiwei HU
Email: icsi2016@ic-si.org
Website: <http://www.ic-si.org>
Telephone: +86-1336608591

