



The Eighth International Conference on Swarm Intelligence (ICSI'2017)

July 27-August 01, 2017, Fukuoka, Japan

<http://www.ic-si.org>

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ICSI 2017 Call for Papers

The Eighth International Conference on Swarm Intelligence (ICSI'2017) serves as an important forum for researchers and practitioners to exchange latest advantages in theories, technologies, and applications of swarm intelligence and related areas. The ICSI'2017 is the eighth annual event in this high-reputation ICSI series after Bali event (ICSI'2016), 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 the ICSI'2017 will be published in Springer's Lecture Notes in Computer Science (indexed by EI Compendex, 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 CBB, NC, CC, IJSIR, IICIPR, etc.*).

The ICSI'2017 will be held in the center of the Fukuoka City. Historical city, Fukuoka, is the 5th largest city in Japan with 1.6 million populations and locates at the northern end of the Kyushu Island and is the economical and cultural center of whole Kyushu Island. Because of its closeness to the Asian mainland, Fukuoka has been an important harbor city for many centuries. Today's Fukuoka is the product of the fusion of two cities in the year 1889, when the port city of Hakata and the former castle town of Fukuoka were united into one city called Fukuoka.

Topics of interest include, but are not limited to:

Theories	Algorithms	Models/Realizations	Applications
<ul style="list-style-type: none"> ● Swarm-based optimization techniques ● Swarm computing ● Artificial life ● Cognitive science ● Social evolution ● Cooperative theories ● Competitive theories ● Mutual cooperation ● Information Utilization ● Optimization theories ● Immune system theory ● Evolutionary computing ● Multi-agent theories ● Natural computing ● Simulation and emulation of nature ● Collective/Social intelligence ● Evolving intelligence ● Social computing Others 	<ul style="list-style-type: none"> ● PSO algorithms ● ACO algorithms ● Fireworks algorithms ● Fish school search ● Bees algorithms ● ABC algorithms ● BSO algorithms ● Cultural algorithms ● Social computing ● Genetic algorithms ● Differential evolution ● Memetic algorithms ● Bioinspired algorithm ● Cuckoo / Firefly / Bat Algorithms ● Biogeography-based Optimization ● Evolutionary programming ● Evolutionary strategy ● Learning systems ● GPU Parallelization ● Other swarm-based algorithms 	<ul style="list-style-type: none"> ● Swarm models ● Swarm robotics ● Multi-agent systems ● Artificial immune system ● Evolutionary intelligent agents ● Analytic models of emergent behaviors ● Evolving fuzzy system ● Evolving neural nets ● Bio-inspired computing models ● Socio-inspired computing models ● Routing and scheduling ● MOO, Many-OO ● Constrained OP ● Dynamic OP ● Combinatorial OP Emerging areas ● Molecular computing ● DNA computing ● Quantum computing ● Granularity computing ● Deep computing 	<ul style="list-style-type: none"> ● Big Data ● Deep nets & learning ● Data mining ● Machine learning ● Pattern recognition ● Automatic control ● UAV control ● Intelligent transport. ● Web intelligence ● Information security ● Signal/Image process ● Computer vision ● Pattern recognition ● Cognitive robots ● Virtual reality ● 2D/3D virtual swarms ● Video surveillance ● Bioinformatics ● Neuroinformatics ● Telecommunications ● Self-organization ● Pervasive computing ● NLP and learning ● Chess playing ● Games ● Internet+ techniques ● Other SI applications

Important Dates

Special sessions and Tutorials:-----January 01, 2017

Paper submission deadline:----- January 30, 2017

Notification of acceptance:-----March 31, 2017

Author registration deadline:-----April 15, 2017

Camera-ready copy deadline:-----April 30, 2017



Information and Enquiry

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