

-----CALL FOR PAPER -----

Dear colleagues,

You are cordially invited to submit a paper for the International Conference on Swarm Intelligence (ICSI 2011), to take place in Cergy (Paris area), France, in June 14-15, 2011.

We will be honored by the presence of two eminent specialists, James Kennedy and Maurice Clerc, who will present tutorials.

For more details about the conference and submission process, please visit the conference website at:  
<http://icsi11.eisti.fr/>

Topics:

Theoretical advances of particle swarm optimization, ant colony optimization.  
Optimization techniques in dynamic, multi-objective, constrained environments.  
Grid and distributed computing, machine learning, data mining, data clustering, graph partitioning, and decision making based on swarm intelligence principles.  
Adaptation and applications of swarm intelligence principles to real world problems in various domains, including : medicine, biology, chemistry, finance, insurance, economics, social sciences, transportation, tourism, education, defense, telecommunications, energy, management, information retrieval, software engineering, fraud detection, environment, remote-sensing,  
Robot swarm,..

Important Dates

Submission (deadline)	March 10, 2011
Notification of acceptance	April 20, 2011
Camera / CD ready	May 10, 2011
Registration for authors (deadline)	May 20, 2011
Conference	June 14-15, 2011

Special sessions:

Proposals for special sessions are welcome. Last date: March 10th, 2011. If you are interested in organizing a special session in the conference, please contact [organization-icsi11@eisti.fr](mailto:organization-icsi11@eisti.fr)

Panel proposals:

The organizers encourage scientists and industry leaders to organize dedicated panels dealing with controversial and challenging topics and paradigms. Submissions of original and unpublished work related to swarm intelligence are invited, including, theory, development, and applications. Areas of focus include particle swarm optimization, ant colony optimization, foraging techniques, and other swarm intelligence related topics. Authors are invited to submit their original and unpublished work without any limitation to the above related subjects. For more information, [organization-icsi11@eisti.fr](mailto:organization-icsi11@eisti.fr)

Workshop proposals:

We welcome workshop proposals on complementary issues to the topics of this conference. Your requests should be forwarded to [organization-icsi11@eisti.fr](mailto:organization-icsi11@eisti.fr)

Paper acceptance:

The papers will be evaluated by the International Program Committee. All conference participants, excluding invited guests, must pay the conference registration fees.

Events:

Software publishers such as SAS-OR, MathWorks and IBM ILOG will be present at this conference and will demonstrate their tools.

Selected papers will be proposed for submission in special issues of selected International Journals: Computers & Operations Research, Computers & Industrial Engineering, Algorithmic Operations Research.

Scientific committee

Ajith Abraham : Norwegian University of Science and Technology, Norway

Anne Auger : INRIA Saclay, Université Paris 11, Orsay, France

Rachid Chelouah, EISTI Cergy, France

Raymond Chiong, Swinburne University of Technology, Australia

Maurice Clerc, Independant Consultant, France

Carlos A. Coello Coello, CINVESTAV-IPN, Depto. de Computacion México

Luca Di Gaspero, University of Udine, Italy

Fred Glover, OptTek Systems, Inc, Boulder, Colorado, USA

Frederic Guinand, Université du Havre, France

Jin-Kao Hao, Université d'Angers, France

James Kennedy, Bureau of Labor Statistics, Washington, USA

Stephane le Menec, Research in Guidance, Navigation & Control at EADS / MBDA, France

Hongbo Liu, School of Computer Science, Dalian Maritime University, Dalian, China

Rui Mendes, Universidade do Minho, Portugal

Nicolas Monmarché, Université François Rabelais Tours, France

Felix Mora, Ecole Nationale d'Aviation Civile Toulouse, France

Ibrahim H. Osman, American University of Beirut, Lebanon

Bijaya Ketan Panigrahi, Indian Institute of Technology, India

Abraham P Punnen, Simon Fraser University, Canada

Said Salhi, Centre for Logistics & Heuristic Optimization, Kent Business School, UK

Andrea Schaerf, DIEGM, University of Udine, Italy

Patrick Siarry, Université Paris-Est Créteil Val-de-Marne, France

Ponnuthurai Nagarathnam Suganthan, Science and Technology University, Singapore

Eric Taillard, University of Applied Sciences of Western Switzerland

El Ghazali Talbi, Polytech'Lille, Université de Lille 1, France

Antonios Tsourdos, Defence Academy of the United Kingdom, UK

Rolf Wanka, University of Erlangen-Nuremberg Am Weichselgarten 3, Germany