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CALL FOR PAPERS FOR THE  
2009 WORLD SUMMIT ON GENETIC AND EVOLUTIONARY COMPUTATION CONFERENCE

June 12-14, 2009 (Friday-Sunday)  
Shanghai, China

PAPER SUBMISSION DEADLINE: December 6, 2008 (Saturday)

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Sponsored by ACM SIGEVO

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The 2009 World Summit on Genetic and Evolutionary Computation (2009 GEC Summit) will feature the latest research and demonstrated successes in this dynamic area, including new approaches and breakthrough applications to problems in biology, medicine, engineering design, agriculture, logistics, traffic, security, scheduling, military affairs, and other fields. 2009 GEC Summit is sponsored and organized by ACM SIGEVO, the Special Interest Group for Genetic and Evolutionary Computation, sponsor of the annual GECCO conferences. Topics include but are not limited to:

Theoretical/Methodological Research:

Genetic Algorithms, Genetic Programming, Evolution Strategies, Evolutionary Programming, Coevolution, Learning Classifier Systems, Ant Colony Optimization, Swarm Intelligence / Particle Swarm, DNA-Based Evolutionary Computation, Interactive Computational Models, Evolutionary Multiobjective Optimization, Evolutionary Combinatorial Optimization, Evolutionary Scheduling and Routing, Simulated Annealing, Estimation of Distribution Algorithms, Tabu Search,

and others

Research in Application Domains:

Medical Applications, Industry Applications, Agricultural Applications, Military and Security Applications, Artificial Life, Search-Based Software Engineering, Evolutionary Robotics, Nature-Inspired Computation, Swarm Intelligence Optimization Applications, Intelligent Control, Intelligent Management, Intelligent Information Processing, Multi-Agent Theory, Pattern Recognition, Web Intelligence, Intelligent Transportation Systems, and others

#### IMPORTANT DATES

Paper Submission Deadline December 6, 2008

Decision Notification January 30, 2009

Camera-ready Submission March 1, 2009

#### PUBLICATION

All accepted papers will be published on CD and in the ACM Digital Library, which is indexed by SCI and EI. Some selected papers will be recommended for publication in expanded versions in such journals as Evolutionary Computation or Genetic Programming and Evolvable Machines, indexed by SCI. All registered participants will receive a CD containing the proceedings.

#### TUTORIALS

FREE to Registered Participants!

Registered participants may attend any of the 90-minute tutorials, presented by some of the world's leading experts in evolutionary computation. Tutorials will be distributed throughout the three days of the conference, allowing each participant to decide, at most time slots, to attend either a tutorial or one of 5-6 sessions in which accepted papers are presented. Tutorials are grouped into introductory level, advanced, and specialized tutorials. In general, introductory tutorials in a given area will be scheduled ahead of the advanced tutorials, allowing the interested participant to attend them both in order.

#### CO-ORGANIZERS

Tonji University  
Shanghai University  
Donghua University

## SUPPORTERS

Ministry of Education of China  
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## MORE INFORMATION

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(in Chinese and English) for information about electronic submission procedures, formatting details, review process, the latest list of tutorials and more.

## CONTACT

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