

# IEEE Congress on Evolutionary Computation

May 18 – 21, 2009, Trondheim, Norway

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## CALL FOR PAPERS CEC 2009



**Sponsored** by IEEE Computational Intelligence Society (IEEE CIS)

**Co-sponsored** by the Evolutionary Programming Society (EPS) and the Institution of Engineering and Technology (IET)

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The annual IEEE Congress on Evolutionary Computation (CEC) is one of the leading events in the area of evolutionary computation. It covers all topics in evolutionary computation, including,

- Ant colony optimization
- Artificial life
- Bioinformatics & bioengineering
- Coevolution & collective behavior
- Combinatorial & numerical optimization
- Constraint & uncertainty handling
- Evolutionary data mining
- Evolutionary games
- Evolutionary learning systems
- Evolvable hardware & software
- Evolving neural networks & fuzzy systems
- Molecular & quantum computing
- Particle swarm intelligence
- Representation & operators
- Artificial immune systems
- Autonomous mental & behavior development
- Cognitive systems & applications
- Computational finance & economics
- Estimation of distribution algorithms
- Evolutionary design
- Evolutionary intelligent agents

**CEC 2009** will feature a world-class conference that aims to bring together researchers and practitioners in the field of evolutionary computation and computational intelligence from all around the globe. Technical exchanges within the research community will encompass keynote speeches, special sessions, tutorials and workshops, panel discussions as well as poster presentations. On top of these, participants will be treated to a series of social functions, receptions and networking sessions, which will serve as a vital channel to establish new connections and foster everlasting friendship among fellow counterparts.

### Call for Contributed Papers

Prospective authors are invited to contribute high-quality papers to CEC2009. All papers are to be submitted electronically through the Congress website. For general inquiries, please contact General Chair Andy Tyrrell at amt@ohm.york.ac.uk. For program inquiries, contact Program Chair Pauline Haddow at Pauline.Haddow@idi.ntnu.no.

### Call for Special Sessions

CEC 2009 Program Committee solicits proposals for special sessions within the technical scopes of the congress. Special sessions, to be organised by internationally recognised experts, aim to bring together researchers in special focused topics. Papers submitted for special sessions are to be peer-reviewed with the same criteria used for the contributed papers. Researchers interested in organising special sessions are invited to submit formal proposals to the Special Session Chair Jon Timmis at jt517@ohm.york.ac.uk. A special session proposal should include the session title, a brief description of the scope and motivation, names, contact information and brief CV of the organisers.

### Call for Tutorials

CEC 2009 will also feature pre-congress tutorials covering fundamental and advanced computational intelligence topics. A tutorial proposal should include title, outline, expected enrolment and presenter biography. Tutorials are expected to run for 2 hours each. Researchers interested in organising tutorials are invited to submit formal proposals to the Tutorial Chair Stephen Smith at sls@ohm.york.ac.uk.

### Woman in Computational Intelligence (WCI)

The organising committee encourages women to submit to CEC09 and to participate in the conference. To find out about WCI please look at <http://smile.ee.ncku.edu.tw/WCI/>.

### Important dates

Special Session proposals	September 1, 2008 ✓
Paper submissions	14th November 1, 2008
Tutorial proposals	December 1, 2008
Notification of acceptance	6th February 16, 2009
Final paper submission	27th February 16, 2009

THE UNIVERSITY of York

**Information and Enquiry**  
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