

## Call for Papers

## Important Dates

The annual IEEE CEC is one of the leading events in the field of evolutionary computation. It covers all topics in the field including the following non-exhaustive list:

*Ant colony optimization*  
*Artificial life*  
*Agent-based systems*  
*Bioinformatics and bioengineering*  
*Coevolution and collective behavior*  
*Combinatorial and numerical optimization*  
*Constraint and uncertainty handling*  
*Evolutionary data mining*  
*Evolutionary learning systems*  
*Evolvable/adaptive hardware and systems*  
*Evolving neural networks and fuzzy systems*  
*Evolutionary multi-objective optimization*

*Molecular and quantum computing*  
*Swarm intelligence*  
*Particle Swarm Optimization*  
*Artificial immune systems*  
*Representation and operators*  
*Industrial applications of EC*  
*Evolutionary game theory*  
*Cognitive systems and applications*  
*Computational finance and economics*  
*Estimation of distribution algorithms*  
*Evolutionary design*  
*Evolutionary scheduling*

IEEE CEC 2017 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 lectures, regular and special sessions, tutorials, and competitions as well as poster presentations. In addition, participants will be treated to a series of social functions, receptions, and networking to establish new connections and foster everlasting friendship among fellow counterparts.

Prospective authors are invited to contribute high-quality papers to IEEE CEC 2017. All papers are to be submitted electronically through the IEEE CEC 2017 website:

<http://www.cec2017.org>

For Program inquiries please contact Program Chair: Carlos Coello at [ccoello@cs.cinvestav.mx](mailto:ccoello@cs.cinvestav.mx).

## Call for Special Sessions

The IEEE CEC 2017 Program Committee solicits proposals for special sessions within the technical scope of the Congress. Special sessions, to be organized by international recognized 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. Proposals should include the session title, a brief description of the scope and motivation, biographic and contact information of the organizers. Researchers interested in organizing special sessions are invited to submit formal proposal to the Special Session Chair: Ke Tang at [ketang@ustc.edu.cn](mailto:ketang@ustc.edu.cn).

## Organizing Committee

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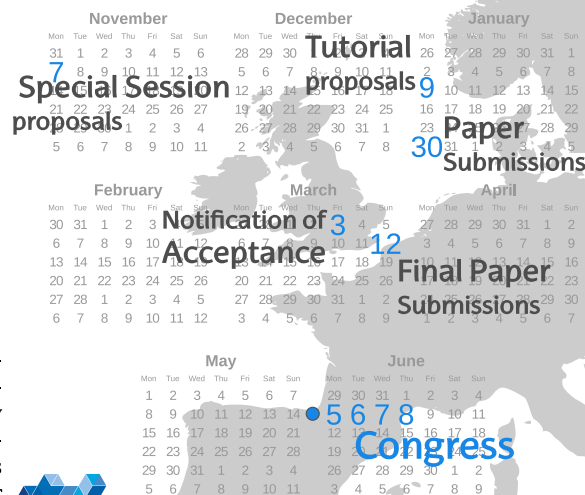
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## Call for Tutorials

IEEE CEC 2017 will also feature pre-Congress tutorials, covering fundamental and advanced evolutionary computation topics. A tutorial proposal should include title, names and affiliations of presenters, abstract, outline, intended audience and expected enrollment, and presenter biography. We invite you to submit proposals to the Tutorial Chair: Qingfu Zhang at [qingfu.zhang@cityu.edu.hk](mailto:qingfu.zhang@cityu.edu.hk).

General inquiries for IEEE CEC 2017 should be sent to the General Chair: Jose A. Lozano at [info@ehu.eus](mailto:info@ehu.eus).

## Call for Competitions

IEEE CEC 2017 will host competitions to stimulate research in evolutionary computation, promote fair evaluations, and attract students. Inquiries regarding competitions and proposals should be addressed to the Competitions Chair: Simon Lucas at [sml@essex.ac.uk](mailto:sml@essex.ac.uk).