Congress on Evolutionary Computation 2017

Kursaal Conference Center
Donostia / San Sebastián, Spain
June 5 - 8

IEEE Computational Intelligence Society

IEEE

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

Special Session proposals 7
Tutorial proposals 9 16
Paper Submissions
Notification of Acceptance 26
Final Paper Submissions 12
Congress 5 6 7 8

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.

KURSAAL DONOSTIA SAN SEBASTIÁN

MÁSMÓVIL

Universidad del País Vasco
Euskal Herriko Unibertsitatea

TURISMO GIPUZKOA

DONOSTIA SAN SEBASTIÁN TOURISM & CONVENTION BUREAU

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.

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.

General inquiries for IEEE CEC 2017 should be sent to the General Chair: Jose A. Lozano at ja.lozano@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.

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