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

- 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
- 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 2015 is a world-class conference that brings together researchers and practitioners in the field of evolutionary computation and computational intelligence from 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 events to establish new connections and foster everlasting friendship among fellow counterparts.

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**Call for Contributed Papers**

Prospective authors are invited to contribute high-quality papers to IEEE CEC 2015. All papers are to be submitted electronically through the IEEE CEC 2015 website http://www.cec2015.org.

This time we are calling for EC papers in two categories: Algorithmic and Application. If your paper mainly focuses on EC algorithms, please submit your paper as “Algorithmic paper.” If your paper mainly focuses on EC applications, submit your paper as “Application paper.” Your selection leads to the review from a different aspect. We want to encourage the communication between researchers from algorithms and those from applications. We hope there happen chemistry among researchers from Algorithms and Applications!!

For IEEE CEC inquiries please contact Conference Chair: Shigeru Obayashi at obayashi@ieee.org
For Program inquiries please contact Program Chair: Tadahiko Murata at murata@res.kutc.kansai-u.ac.jp

**Special Sessions**

Accepted special sessions are listed at http://sites.ieee.org/cec2015/accepted-ss/ together with their contact information. When you submit a paper to a special session, please choose its ID number as a main research topic in the paper submission system.

**Call for Tutorials**

IEEE CEC 2015 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:
Clare Bates Congdon at congdon@usm.maine.edu

**Companions**

Accepted competitions are shown at http://sites.ieee.org/cec2015/accepted_competitions/. If you are interested in participating one of those competitions, please visit the web page of each competition.

**Venue and Access**

Sendai is the city located about 350km north of Tokyo. High-speed trains (Tohoku Shinkansen) take less than 2 hours to move from Tokyo Station to Sendai Station. By air, connecting domestic flights to Sendai Airport are available at Tokyo/Narita International Airport, Nagoya/Chubu International Airport and Osaka/Kansai International Airport. Direct international flights are also operated from Seoul, Taipei and Shanghai.

The Sendai International Center is at historical Sendai Castle area and also at Tohoku University campus. Public buses are available every 10 minutes from Sendai Station at $2. The nearest hotel is at less than 10-minute walking distance, and other nearby hotels are also available for attendees at special rates.

We show a reference of the recent amount of radiation around the world at http://sites.ieee.org/cec2015/for-your-reference; Sendai has a much lower radiation level than many other cities including Seoul, London and New York.

Find us at http://www.cec2015.org