



# 2010 IEEE WORLD CONGRESS ON COMPUTATIONAL INTELLIGENCE

## JULY 18-23, 2010, BARCELONA, SPAIN

### Barcelona International Convention Centre (CCIB)



## CALL FOR PAPERS

The 2010 IEEE World Congress on Computational Intelligence (IEEE WCCI 2010) is the largest technical event in the field of computational intelligence. It will host three conferences: the 2010 International Joint Conference on Neural Networks (IJCNN 2010), the 2010 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2010), and the 2010 IEEE Congress on Evolutionary Computation (IEEE CEC 2010). IEEE WCCI 2010 will be held in Barcelona, a Mediterranean city located in a privileged position on the northeastern coast of Spain. Barcelona combines history, art, architecture, and charm within a pleasant, and efficient urban environment where meet old friends, and make new ones. The congress will provide a stimulating forum for scientists, engineers, educators, and students from all over the world to discuss and present their research findings on computational intelligence.

### Call for Contributed Papers

Prospective authors are invited to contribute high-quality papers to IEEE WCCI 2010. All papers should be submitted electronically through the Congress website <http://www.wcci2010.org/call-for-papers>. Contributed papers will be refereed by experts in the fields based on the criteria of originality, significance, quality and clarity. For general inquiries, please contact General Chair Pilar Sobrevilla at [pilar.sobrevilla@upc.edu](mailto:pilar.sobrevilla@upc.edu). For program inquiries, contact Conference Chairs: Alberto Prieto (IJCNN) at [aprieto@ugr.es](mailto:aprieto@ugr.es); Piero Bonissone (FUZZ-IEEE) at [bonissone@research.ge.com](mailto:bonissone@research.ge.com); or Gary Fogel (IEEE CEC) at [gfogel@natural-selection.com](mailto:gfogel@natural-selection.com).

### Call for Special Sessions

IEEE WCCI 2010 Program Committees solicit proposals for special sessions within the technical scopes of the three conferences. Special sessions, to be organized by international recognized experts, aim to bring together researchers in special focused topics. Cross-fertilization of the three technical disciplines and newly emerging research areas is strongly encouraged. Papers submitted for special sessions are to be peer-reviewed with the same criteria used for the contributed papers. Researchers interested in organizing special sessions are invited to submit formal proposal filling in the form available on the web site <http://www.wcci2010.org/special-sessions>.

### Call for Tutorials and Workshops

IEEE WCCI 2010 will also feature pre-congress tutorials and workshops, covering fundamental and advanced computational intelligence topics. A tutorial or workshop proposal should include title, outline, expected enrollment, and presenter/organizer biography. Inquires regarding the tutorials and workshops should be addressed to Tutorials and Workshops Chairs: Jennie Si at [si@asu.edu](mailto:si@asu.edu) or Amaury Lendasse at [lendasse@hut.fi](mailto:lendasse@hut.fi) (IJCNN); Dimitar Filev at [dfilev@ford.com](mailto:dfilev@ford.com) or Keeley Crockett at [K.Crockett@mmu.ac.uk](mailto:K.Crockett@mmu.ac.uk) (FUZZ-IEEE); Clare Bates Congdon at [congdon@usm.maine.edu](mailto:congdon@usm.maine.edu) or Yaochu Jin at [yaochu.jin@honda-ri.de](mailto:yaochu.jin@honda-ri.de) (IEEE CEC).

### Call for Competitions

IEEE WCCI 2010 will host competitions to stimulate research in computational intelligence, promote fair evaluations, and attract students. The proposals should include descriptions of the problems addressed, motivations and expected impact on computational intelligence, data description, evaluation procedures and established baselines, schedules, anticipated number of participants, and a biography of the main team members. We invite you to submit proposals to the respective Competitions Chairs: Isabelle Guyon at [isabelle@clopinet.com](mailto:isabelle@clopinet.com) or Xiao Hu at [hux@research.ge.com](mailto:hux@research.ge.com) (IJCNN); Paul Gader at [pgader@cise.ufl.edu](mailto:pgader@cise.ufl.edu) or Hao Ying at [hao.ying@wayne.edu](mailto:hao.ying@wayne.edu) (FUZZ-IEEE); Dan Ashlock at [dashlock@uoguelph.ca](mailto:dashlock@uoguelph.ca), Phil Hingston at [p.hingston@ecu.edu.au](mailto:p.hingston@ecu.edu.au) or Simon Lucas at [sml@essex.ac.uk](mailto:sml@essex.ac.uk) (IEEE CEC).

**Website:** <http://www.wcci2010.org>; **E-mail:** [contact@wcci2010.org](mailto:contact@wcci2010.org)

### Important Dates

Competition proposals  
 Special Sessions proposals  
 Notification of Special Session acceptance  
 Paper submission  
 Tutorial and Workshop proposal  
 Notification of Tutorial and Workshop acceptance  
 Notification of paper acceptance  
 Final paper submission  
 Early registration

November 15, 2009  
 December 13, 2009  
 December 22, 2009  
 January 31, 2010  
 February 14, 2010  
 February 22, 2010  
 March 15, 2010  
 May 2, 2010  
 May 23, 2010

**IEEE WCCI Sponsor**  
 IEEE Computational Intelligence Society (CIS)

**IJCNN Joint Sponsor**  
 International Neural Network Society (INNS)

**IEEE CEC**  
 Previously sponsored by the former Evolutionary Programming Society and the Institution of Engineering and Technology

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