

# IEEE WORLD CONGRESS ON COMPUTATIONAL INTELLIGENCE 24-29 JULY 2016, VANCOUVER, CANADA



The IEEE World Congress on Computational Intelligence (IEEE WCCI) is the largest technical event in the field of computational intelligence. The IEEE WCCI 2016 will host three conferences: The 2016 International Joint Conference on Neural Networks (IJCNN 2016), the 2016 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2016), and the 2016 IEEE Congress on Evolutionary Computation (IEEE CEC 2016) under one roof. It encourages cross-fertilization of ideas among the three big areas and provides a forum for intellectuals from all over the world to discuss and present their research findings on computational intelligence.

IEEE WCCI 2016 will be held at the Vancouver Convention Centre, Vancouver, Canada. Vancouver is Canada's Pacific gem, offering a winning combination of world-class hotels, meeting venues, and restaurants in a setting of spectacular beauty. Few convention cities can offer such a wide range of cosmopolitan amenities in a downtown core that is safe, clean, pedestrian friendly, and stunning in its backdrop of mountains and ocean.

IJCNN is the flagship conference of the International Neural Network Society and the IEEE Computational Intelligence Society. It covers a wide range of topics in the field of neural networks, from biological neural network modeling to artificial neural computation.

### **Organizing Committee**

General Co-Chairs Kay Chen Tan, Singapore Gary G. Yen, USA

IJCNN Conference Chair Pablo A. Estevez, Chile

**IJCNN Technical Chairs** 

Plamen P. Angelov, UK Emilio Del Moral Hernandez, Brazil Derong Liu, USA Lipo Wang, Singapore

**FUZZ-IEEE Conference Chair** Oscar Cordon, Spain

FUZZ-IEEE Technical Chairs James M. Keller, USA Naoyuki Kubota, Japan Bernadette R. Bouchon Meunier, France Nikhil R. Pal, India

**CEC Conference Chair** Yew Soon Ong, Singapore

**CEC Technical Chairs** 

Carlos A. Coello Coello, Mexico Garrison W. Greenwood, USA Sanaz Mostaghim, Germany Yuhui Shi, China

FUZZ-IEEE is the foremost conference in the field of fuzzy systems. It covers all topics in fuzzy systems, from theory to applications.

IEEE CEC is a major event in the field of evolutionary computation, and covers all topics in evolutionary computation from theory to applications.

## **Call for Papers**

Papers for IEEE WCCI 2016 should be submitted electronically through the Congress website at www.wcci2016.org, and will be refereed by experts in the fields and ranked based on the criteria of originality, significance, quality and clarity.

## **Call for Tutorials**

IEEE WCCI 2016 will feature pre-Congress tutorials, covering fundamental and advanced topics in computational intelligence. A tutorial proposal should include title, outline, expected enrollment, and presenter/organizer biography. Inquiries regarding tutorials should be addressed to Tutorials Chairs.

## **Call for Special Session Proposals**

IEEE WCCI 2016 solicits proposals for special sessions within the technical scope of the three conferences. Special sessions, to be organized by internationally recognized experts, aim to bring together researchers in special focused topics. Cross-fertilization of the three technical disciplines and newly emerging research areas are strongly encouraged. Inquiries regarding special sessions and proposals should be addressed to Special Sessions Chairs.

# **Call for Competition Proposals**

IEEE WCCI 2016 will host competitions to stimulate research in computational intelligence. A competition

#### Awards Chair Jennie Si, USA

**Competitions Chairs** Simon M. Lucas, UK Chang-Shing Lee, Taiwan

#### **Conflict-of-Interest Paper Chairs**

Cesare Alippi, Italy Gary B. Fogel, USA Hisao Ishibuchi, Japan

Exhibits Chair Fakhri Karray, Canada

Finance Chair Haibo He, USA

Local Arrangements Chair Yifeng Li, Canada Stephen Makonin, Canada

Mobile Apps Chair Albert Y.S. Lam, Hong Kong

Panel Sessions Chair Marios M. Polycarpou, Cyprus

Paper Submissions Chair Ke Tang, China

Plenary Sessions Chair Chin-Teng Lin, Taiwan

Poster Sessions Chairs Jong-Hwan Kim, South Korea Laszlo T. Koczy, Hungary Yi Zhang, China

Publications Chair Hussein A. Abbass, Australia Huanhuan Chen, China

Publicity Chairs Rami Abielmona, Canada Valentina E. Balas, Romania

proposal should include descriptions of the problem(s) addressed, evaluation procedures, and a biography of the organizers. Inquiries regarding competitions should be addressed to the Competitions Chair.

## **Important Dates**

Sponsored by

15 Nov 2015 Special Session & Workshop Proposals Deadline

> 15 Dec 2015 Competition & Tutorial Proposals Deadline

> > 15 Jan 2016 Paper Submission Deadline

15 Mar 2016 Paper Acceptance Notification Date

24-29 Jul 2016 IEEE WCCI 2016 Vancouver, Canada

15 Apr 2016 Final Paper Submission & Early Registration Deadline Min Jiang, China Xiaodong Li, Australia Seiichi Ozawa, Japan Dongbin Zhao, China

**Registrations Chair** Yaochu Jin, UK

Special Sessions Chairs Uzay Kaymak, Netherlands Chuan-Kang Ting, Taiwan Mengjie Zhang, New Zealand Zhi-Hua Zhou, China

**Student Activities Chair** Dipti Srinivasan, Singapore

#### **Tutorials Chairs**

Kalyanmoy Deb, USA Hani Hagras, UK Nikola Kasabov, New Zealand

Workshops Chair Piero P. Bonissone, USA

## Find Us At www.wcci2016.org

wcci2016@gmail.com









