

# CYBCONF 2015

## 2nd IEEE International Conference on Cybernetics

### Gdynia, Poland, June 24-26, 2015



<http://cybconf2015.am.gdynia.pl>

The biannual **International Conference on Cybernetics (CYBCONF)** provides a premier international forum for researchers and practitioners to report the latest innovations, summarize the state-of-the-art, and exchange ideas and advances in all aspects of Cybernetics. Apart of the main track it includes workshops, tutorials, special sessions and plenary talks by invited eminent speakers.

**CYBCONF 2015** is organized by **Gdynia Maritime University, Poland** in cooperation with **IEEE Poland Section, IEEE Systems, Man, and Cybernetics Society (SMC)** and **IEEE SMC TC on Computational Collective Intelligence**.

It will be hosted in Gdynia, a city known for its picturesque seashore with marinas, promenades and yacht clubs. However there is more to enjoy nearby, as Gdynia is a part of the Tricity, which also includes a thousand-year-old Gdańsk, Poland's cultural gem, and Sopot, a health-resort with its beautiful Landscape Park and splendid sandy beaches.

Prospective authors are invited to submit their papers to **CYBCONF 2015**. Accepted papers will appear in the conference proceedings, available on **IEEE Xplore** and submitted to be indexed/abstracted in CPCi (ISI conferences and part of Web of Science) and Engineering Index. The authors of selected best papers will be invited post conference to extend their contributions for special issues of prestigious journals such as **IEEE Transactions on Cybernetics**.

#### Scientific Patronage



#### Topic areas

- Human-Computer Interaction
- Brain Machine Interface
- Cognitive Systems
- Knowledge-Based Systems
- Distributed Intelligent Systems
- Autonomous Systems
- Agent-Based Modeling and Simulation
- Self-adaptive and Evolving Systems
- Optimization
- Computational Intelligence
- Image Processing/Pattern Recognition
- Fuzzy Systems and Applications
- Machine Learning
- Machine Vision
- Robotics
- Control Systems
- Multimedia Systems
- Social Systems
- Evolutionary Computation
- Swarm Intelligence
- Artificial Immune Systems
- Neural Networks and Applications
- Bioinformatics
- Medical and Health Informatics
- Web Intelligence

#### Important dates

Tutorial, workshop, special session proposals: **Jan 31, 2015**  
Paper submission: **Mar 1, 2015**  
Notification of acceptance: **Apr 15, 2015**  
Final paper submission: **Apr 30, 2015**  
Conference: **Jun 24-26, 2015**

#### General Chair

Piotr Jędrzejowicz, Poland

#### General Co-Chair

Vladimir Marik, Czech Republic

#### Program Chair

Ngoc Thanh Nguyen, Poland

#### Program Co-Chairs

Witold Pedrycz, Canada

Dimitar Filev, USA

#### Special Sessions/Tutorial/Workshop Co-Chairs

Hideyuki Takagi, Japan

Andreas Nürnberger, Germany

#### Publication Co-Chair

Tzung-Pei Hong, Taiwan

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