



CSDMO 2017

Special Session on Cooperative Strategies for Decision Making and Optimization

at the 9th International Conference on Computational Collective Intelligence (ICCCI 2017)

Nicosia, Cyprus, September 27-29, 2017

Conference website: <http://cyprusconferences.org/iccci2017>

Special Session Organizers

Prof. Piotr Jędrzejowicz

Department of Information Systems
Gdynia Maritime University, Poland
E-mail: pj@am.gdynia.pl

Prof. Dariusz Barbucha

Department of Information Systems
Gdynia Maritime University, Poland
E-mail: d.barbucha@wpit.am.gdynia.pl

Objectives and topics

The aim of the CSDMO 2017 Special Session is to bring together researchers interested in various cooperative problem solving techniques to share their experience, present current research results and discuss advanced techniques. Topics of submitted papers should focus on methods and applications where the tools and techniques exploiting collective computational intelligence are used to enhance, support or replace traditional approaches to decision making and solving optimization problems. In particular, we encourage authors of papers reporting on the real-life applications of the cooperative strategies to decision making and optimization. The scope of the CSDMO 2017 includes, but is not limited to the following topics:

- Computational intelligence
- Cooperative strategies for optimization
- Collective decision making
- Evolutionary and co-evolutionary algorithms and their applications
- Swarm intelligence
- Adaptive methods for decision making and optimizations
- Distributed optimization
- Agent-based modeling and problem solving
- Multi-agent optimization techniques and their applications
- Applications of intelligent techniques for decision making and optimization problems
- Knowledge-based systems
- Other related topics

Important dates

Submission of papers: **April 1, 2017**

Notification of acceptance: **May 1, 2017**

Camera-ready papers: **May 15, 2017**

Registration & payment: **June 15, 2017**

Conference date: **September 27-29, 2017**

Program Committee (to be invited)

Dariusz Barbusza, Gdynia Maritime University, Poland
Vincenzo Cutello, University of Catania, Italy
Ireneusz Czarnowski, Gdynia Maritime University, Poland
Joanna Jędrzejowicz, Gdansk University, Poland
Piotr Jędrzejowicz, Gdynia Maritime University, Poland
Edyta Kucharska, AGH University of Science and Technology, Poland
Antonio D. Masegosa, University of Deusto, Spain
Javier Montero, Complutense University, Spain
Ewa Ratajczak-Ropel, Gdynia Maritime University, Poland
Iza Wierzbowska, Gdynia Maritime University, Poland
Mahdi Zargayouna, IFSTTAR, France

Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **CSDMO 2017: Special Session on Cooperative Strategies for Decision Making and Optimization**.

<https://www.easychair.org/conferences/?conf=iccci2017>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the CSDMO 2017 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).