ITAMO 2019

"Innovatice Techniques for Applications of Multiobjective Optimization"

at **11th KES International Conference on Intelligent Decision Technologies 2019 (IDT-19)**,

June17-19, 2019, Malta
Conference website: http://idt-19.kesinternational.org

Special Session Organizers:

Łukasz Chomątek – chair
Institute of Information Technology,
Lodz University of Technology, Lodz, Poland
E-mail: lukasz.chomatek@p.lodz.pl

Piotr S. Szczepaniak – co-chair
Institute of Information Technology,
Lodz University of Technology, Lodz, Poland

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Objectives and topics

The **"Innovative Techniques for Applications of Multiobjective Optimization"**

- Special Session at **11th KES International Conference on Intelligent Decision Technologies 2019 (IDT-19)**, June17-19, 2019, Malta.

is dedicated to broadly understood issues of development of novel, and modifications of known approaches to multiobjective optimization and innovative applications of them.

While solving real-world problems, usually one cannot specify a single criterion to assess the quality of solution. In such cases multiobjective optimization techniques are widely used. However, most of them are heuristics, such as Genetic Algorithms or Particle Swarm Optimization, there also exist deterministic multiobjective optimizers.

This session focuses on two general aspects:
- development or improvement of multiobjective optimization methods;
- adoption of known multiobjective optimization methods to the problems, where it was not formerly utilized.

ITAMO session is an opportunity to identify new research directions and presentation of original research results. It is also an opportunity for exchanging and diffusing innovative and practical experience in this field.

The scope of ITAMO 2019 includes, but is not limited to the following issues:
- multiobjective optimization
- evolutionary algorithms
- applications in intelligent decision systems, innovations in medical and diagnostic systems, recognition systems
- optimization algorithms and methods
- Pareto optimization

- computational intelligence
- heuristic optimization methods
- fusion of optimization methods

Important dates:
Submission of papers: **13 January, 2019**
Notification of acceptance: **9 February, 2019**
Regular Paper Camera Ready: **1 March 2019**

Conference date: **June 17-19, 2019**

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