

Call for Papers

5TH SYMPOSIUM ON ANALYSIS AND DECISION-MAKING IN COMPLEX AND UNCERTAIN SYSTEMS

Organized and chaired

by **Prof. Jerzy Józefczyk** – Laboratory of Intelligent Decision Support Systems,
Wroclaw University of Science and Technology, Wroclaw, Poland

Methodological and application-oriented problems of analysis and decision-making cover a broad range of scientific activities in different disciplines and concern systems of diverse nature. Investigation of such problems resulted in the development of specific solution methods and algorithms. Rapid progress in computer and information technology allows us to implement effective solution algorithms for analysis and decision-making problems more complex and closer to real-world applications.

Two topics seem to be worth considering when exploring analysis and decision-making problems for systems of various nature:

- Integration of diverse, interconnected sub-problems studied till now separately and considering them jointly to have better global result for a whole system, and
- Abandon the assumption that all data and information for a problem are completely and precisely given and known and solving its uncertain counterparts using different approaches and representations of uncertainty.

The Symposium will be an opportunity to present original and ongoing researches as well as to exchange experiences among scientists and practitioners working in the area of analysis and decision making for systems of different nature.

We welcome all submissions in the subjects of the Symposium related (but not limited) to the following topics:

- agent theory and systems,
- application of systems analysis to technical, management, communication, transport and biomedical systems,
- biomedical systems,
- complex systems,
- economic and financial systems,
- decision support systems,
- fuzzy systems,
- general and mathematical systems theory,
- hybrid systems,
- intelligent networks and systems,

- knowledge representation,
- manufacturing and transportation systems,
- social systems,
- systems modeling, control, management and decision making,
- systems optimization,
- uncertain systems.

Submission of abstracts and papers

- Prospective participants are requested to submit Abstracts (up to 200 words) as soon as possible, but not later than March 30, 2017, electronically as an e-mail attachment in MS Word format to Jerzy.Jozefczyk@pwr.edu.pl.
- All submitted papers will be refereed. Those selected will be scheduled for presentation and published in the Conference Proceedings. Notification of acceptance will be sent to authors by April 9, 2017.
- The camera-ready full papers, not to exceed five single-spaced typed pages, should be submitted by May 9, 2017, to Prof. Jerzy Józefczyk and Prof. George E. Lasker by a regular post at the addresses:

Prof. Jerzy Józefczyk
 Laboratory of Intelligent Decision Support
 Systems
 Wrocław University of Science and
 Technology
 Wybrzeze Wyspianskiego 27
 50-370 Wrocław, Poland

Prof. George E. Lasker
 InterSymp-2017 Conference Chairman
 International Institute for Advanced Studies
 P.O. Box 3010
 Tecumseh, ON N8N 2M3
 Canada

The full papers should also be transmitted electronically as e-mail attachments in MS Word format at the addresses: Jerzy.Jozefczyk@pwr.edu.pl and lasker@uwindsor.ca.

- Submitted abstracts and papers should be prepared according to the guidelines available at http://www.ias.edu/frameset_start_inters_ann.html (the Home page of the IIAS).

Important dates

Submission of Abstracts	March 30, 2017
Notification of acceptance	April 9, 2017
Submission of full papers	May 9, 2017

Other information

For other relevant information including fees and accommodation, please see the Home page of the IIAS at <http://www.ias.edu> or contact Organizers electronically at the addresses given above.