

## Call for Papers

# 7<sup>TH</sup> SYMPOSIUM ON ANALYSIS AND DECISION-MAKING IN COMPLEX AND UNCERTAIN SYSTEMS

Organized and chaired by

**Prof. Jerzy Józefczyk** – Division of Intelligent Decision Support Systems,  
Wrocław University of Science and Technology, Wrocław, Poland

and

**Prof. Dr.-Ing. habil. Alexander Lavrov**– University of Applied Sciences  
Kaiserslautern Germany

Methodological and application-oriented problems of analysis and decision-making cover a wide 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 useful 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 different natures:

- Integration of diverse, interconnected sub-problems studied till now separately and considering them jointly to have a better global result for a whole system, and
- Undermine the assumption that all data and information for a problem are entirely 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 natures.

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

- general and mathematical systems theory,
- systems modeling, control, management, and decision making,
- big data analytics and machine learning in modeling and analysis of systems,
- systems optimization,
- decision support systems,
- complex systems,

- uncertain systems,
- biomedical systems,
- manufacturing and transportation systems,
- economic and financial systems,
- social systems.

### **Submission of abstracts and papers**

- Prospective participants are requested to submit Abstracts (up to 200 words) as soon as possible, but no later than March 30, 2020, 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, 2020.
- The camera-ready full papers, not to exceed five single-spaced typed pages, should be submitted by May 9, 2020, as e-mail attachments in MS Word format at the address: Jerzy.Jozefczyk@pwr.edu.pl.
- Submitted abstracts and papers should be prepared according to the guidelines available at [http://iias.edu/pdf\\_20/instructionstoauthors\\_2020.pdf](http://iias.edu/pdf_20/instructionstoauthors_2020.pdf) (the Home page of the IIAS).

### **Important dates**

Submission of Abstracts	<b>March 30, 2020</b>
Notification of acceptance	<b>April 9, 2020</b>
Submission of full papers	<b>May 9, 2020</b>

### **Other information**

For other relevant information, including fees and accommodation, please see the homepage of the IIAS at [www.iias.edu](http://www.iias.edu).