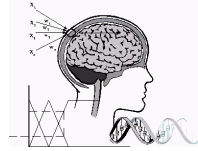




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session:

Intelligent Management Support Systems (IMSS)

Name, Title and Affiliation of Chair:

Marcin Hernes, associate professor, Wrocław University of Economics and Business

Artur Rot, associate professor, Wrocław University of Economics and Business

Krzysztof Lutosławski, assistant professor, Wrocław University of Economics and Business,

Details of Session (including aim and scope):

Management information systems, support in a high degree in the activities of various types of organizations. These systems allow for the collection and processing of a large amount of information, but also greatly support knowledge management in the organization. The system should also be able to understand the significance of phenomena occurring around the organization environment. It is becoming more and more necessary to make decisions based not only on knowledge but also on experience, thus far regarded as purely human domain. The IMSS is devoted to models, methods and approaches addressing developing of intelligent solution for improving functionality of information systems which supports the management. We want to offer an opportunity for researchers and practitioners to identify new promising research directions as well as to publish recent advances in this area. The scope of the IMSS includes, but is not limited to the following topics related to management information systems:

- Machine learning and deep learning for support business processes,
- Agent-based and cognitive systems in management,
- Bioinformatics and Bioeconomy,
- Financial systems,
- Cryptocurrencies,
- Intelligent human-computer interfaces,
- Intelligent personalization,
- Intelligent controlling systems,
- Knowledge management in business organizations,
- Business processes modelling and simulations,
- Intelligent decision supporting,
- Management systems' integration,
- Cyber Security and blockchain in management systems,
- Cloud Computing in management.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Eunika Mercier-Laurent, Jean Moulin Lyon 3 University, France

Wolfgang Dorner, Technische Hochschule Deggendorf, Germany

Mykola Dyvak, Ternopil National Economic University, Ukraine

Małgorzata Pańkowska, University of Economics in Katowice, Poland

Mieczysław Owoc, Wrocław University of Economics, Poland

Bogdan Franczyk, University of Leipzig, Germany

Jarosław Wątróbski, University of Szczecin, Poland

Kazimierz Perechuda, Wrocław University of Economics, Poland

Jan Stępniewski, Université Paris 13, France

Helena Dudycz, Wrocław University of Economics, Poland

Krzysztof Hauke, Wrocław University of Economics, Poland
Jerzy Korczak, International University of Logistics and Transport in Wrocław, Poland
Andrzej Bytniewski, Wrocław University of Economics, Poland
Marcin Fojcik, Western Norway University of Applied Sciences, Norway
Monika Eisenhardt, Wrocław University of Economics, Poland
Dorota Jelonek, Czestochowa University of Technology, Poland
Paweł Weichbroth, WSB University in Gdańsk, Poland
Jadwiga Sobieska-Karpińska, The Witelon State University of Applied Sciences in Legnica, Poland

Website URL of Call for Papers (if any):

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