



International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session: 2nd Symposium on Information Systems and Technologies for Management, Economy and Decision Making

Name, Title and Affiliation of Chair:

1. **Jarosław Jankowski**; West Pomeranian University of Technology in Szczecin, Poland
2. **Jarosław Wątróbski**; Faculty of Economics and Management, University of Szczecin, Poland
3. **Wojciech Sałabun**; West Pomeranian University of Technology in Szczecin, Poland
4. **Ewa Ziemba**; University of Economics in Katowice, Poland

Details of Session (including aim and scope):

The aim of this event is to create a possibility of presenting and discussing the current issues of Information Systems (IS) and Information Technologies (IT) in business and economic applications. We expect that the forum will enable an exchange of ideas, information and experiences for both practitioners and theorists in the broad area of information systems and technologies in management problems.

The invited session calls for papers coming from two complimentary directions: using information systems in an organization, and using IT in business applications. Moreover, the papers that discuss the uses of information systems and information technologies to support management function are especially welcome.

The topics of interest include, but are not limited, to:

- Business Informatics and Business Intelligence methods and tools
- Quantitative methods in sustainability problems modelling
- Business Process Management and Management Systems (BPM and BPMS)
- Enterprise Information Systems (MIS, ERP, CRM, SCM, etc.)
- Strategies and methodologies of IT implementation
- IT projects & IT projects' management, User-oriented project management methods
- IT governance, efficiency and effectiveness
- Decision Support Systems and data mining
- Cloud computing, SOA, Web services for information systems management
- Agent-based systems
- Knowledge management and Business-oriented ontologies,
- Knowledge-based and intelligent systems in management
- Modern IT project management methods
- Managing global systems
- Advances in MCDM Theory
- MCDA application in sustainability problems
- AHP, ANP, ELECTRE, PROMETHEE, TOPSIS, COMET, etc.
- Behavioral Issues in Decision Making
- Computing and Software for MCDM
- Environmental Decision Making
- Fuzzy Multiple Criteria Decision Making
- Group Decision Making, Negotiations
- Multiattribute Utility or Value Theory
- Multiobjective Optimization
- Multiple Criteria Classification, Ranking, and Sorting
- New Approaches and Decision Support Systems
- Practical applications of MCDM
- Preference Modelling Risk and Uncertainty
- Reaching MCDM

- Effectiveness, Efficiency and Security of information systems
- Privacy consideration of information systems
- Mobile digital platforms for information systems management
- Achieving alignment of business and information technology
- Assessing business value of information systems
- Usability and user experience in business information systems
- IT governance
- Planning, sourcing, selecting and delivering information systems
- Staffing, coordinating and controlling information systems
- Formation of business policies for information systems
- Portfolio management.

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

Website URL of Call for Papers (if any):

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Deadlines:

Submission deadline: **25 April 2019**
Notification of Acceptance: **2 May 2019**
Final paper publication files: 9 May 2019
Authors registration deadline: 9 May 2019