



# International

*Innovation in Knowledge Based and Intelligent  
Engineering Systems*



## INVITED SESSION SUMMARY

### Title of Session:

**Invited Session on Specialized Decision Techniques for Data Mining, Transportation and Project Management**

### Name, Title and Affiliation of Chair:

Prof. Dr Dariusz Barbucha, Gdynia Maritime University  
Prof. Dr Ireneusz Czarnowski, Gdynia Maritime University  
Prof. Dr Piotr Jedrzejowicz, Gdynia Maritime University

### Details of Session:

#### 1. INTRODUCTION

The aim of the special session is to bring together researchers interested in various decision techniques, dedicated for solving problems from domains of data mining, transportation and project management, to share their experience, present current research results and discuss advances of these techniques. Topics of submitted papers should focus on methods and applications, where specialized decision tools and techniques are used to enhance, support or replace traditional approaches to decision making in intelligent data mining, transportation and project management.

#### 2. TOPICS OF INTEREST

Topics of interest include, but are not limited to:

- o Artificial intelligence
- o Computational intelligence
- o Optimization and strategies for decision making problems
- o Collective decision making
- o Adaptive methods for decision making problems
- o Distributed systems
- o Multi-agent system and agent-based modelling
- o Expert Systems
- o Application of intelligent techniques for decision making problems
- o Other related topics

The session aims at addressing such issues from practical and theoretical perspectives.

### Important dates:

Submission of papers: 31 January 2019  
Notification of acceptance: 15 February 2019  
Upload of Final Publication Files: 8 March 2019

### Email & Contact Details:

Prof. Dr Dariusz Barbucha, Gdynia Maritime University – [barbucha@am.gdynia.pl](mailto:barbucha@am.gdynia.pl)  
Prof. Dr Ireneusz Czarnowski, Gdynia Maritime University – [irek@am.gdynia.pl](mailto:irek@am.gdynia.pl)  
Prof. Dr Piotr Jedrzejowicz, Gdynia Maritime University – [pj@am.gdynia.pl](mailto:pj@am.gdynia.pl)