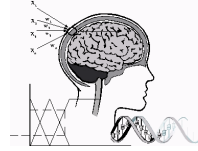




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session:

Intelligent Decision Technologies for Water Resources Management

Name, Title and Affiliation of Chair:

Chairman: Dr Wojciech Froelich, Institute of Computer Science, University of Silesia, Sosnowiec, Poland

Co-chaired by: Dr Ewa Magiera, Institute of Computer Science, University of Silesia, Sosnowiec, Poland

Details of Session (including aim and scope):

The main aim of the session is the presentation of original, unpublished results on recent advances in intelligent decision technologies for water management. The suggested but not limited scope of the session includes the following topics.

- Decision support systems for water resources management
- Water network optimization
- Modelling and control of water distribution systems
- Water conservation - methodologies and tools
- Background leakage modeling and control
- Pipe bursts - recognition and localization
- Forecasting water demand
- Adaptive Water pricing
- Water management at households
- Energy management in water distribution networks
- Gamification for water conservation
- Big data in water resources management

IMPORTANT DATES

Submission of papers: **18 January 2016**

Notification of acceptance: **25 February 2016**

Camera ready papers submission: **7 March 2016**

Main Contributing Researchers:

Dr Wojciech Froelich, Institute of Computer Science, University of Silesia, Sosnowiec, Poland

Dr Ewa Magiera, Institute of Computer Science, University of Silesia, Sosnowiec, Poland

Website URL of Call for Papers (if any):

Email & Contact Details:

Dr Wojciech Froelich

E-mail: wojciech.froelich@us.edu.pl

Institute of Computer Science, University of Silesia,
Ul. Będzinska 39
Sosnowiec, Poland