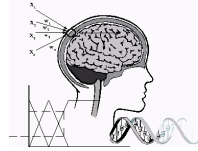




# International

Innovation in Knowledge Based and Intelligent Engineering Systems



## INVITED SESSION SUMMARY

**Title of Session:** Intelligent Data Analysis

**Name of Chair:**

Prof. Kevin Wilson, Information Science College, University of Athens, Greece

**Details of Session:**

**SCOPE:**

The artificial intelligence technology is widely applied in data analysis fields. It is well known that extracting knowledge from database, especially very large database, is very difficult and inefficient. The artificial intelligence technology can speed up the process and obtain more precise result.

Recently, with the emergence of grid concept, some new data analysis platforms appeared, for example Data Grid, Knowledge Grid, Data Mining Grid and so on. In these new platforms, the artificial intelligence technology has played a key role in task scheduling, resource allocation and data mining Algorithm and so on.

The session will provide a forum to bring together researchers from diverse disciplines and make a consolidated contribution to new and extended artificial intelligence methods to study or address the hard problems in the new data analysis platforms.

**Topics include, but are not limited to:**

Grid Computing	Intelligence Methods for Grid Computing
Data Grid	Intelligence Methods for Knowledge Grid
Knowledge Grid	Intelligence Methods for Data Mining Algorithm
Data Mining Grid	Intelligence Methods for Task Scheduling
Fuzzy Logic	Intelligence Methods for Resource Allocation
Neural Networks	Intelligence Methods for Data Storage
Genetic Algorithms	Intelligence Methods for Web Service Publication
Intelligent Agents	Intelligence Methods for Web Service Retrieval

**Program Committee:**

- Nicolas Lucache, Aegean University
- Juan Macko, American College of Greece
- Richard Garcia, Harokopio University
- Martin Naidoo, Dimocritus University of Thrace
- Marios Nuawi, Harokopio University
- Mohd Poulos, Hellenic Open University
- Puntani Pountourakis, Ionian University Corfu
- Ioannis Pongsumpun, National Technical University of Athens
- Dorin Ratier, University of Ioannina

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 Camera-ready    January 8, 2009

**Submission and Review:**

Authors should use the PROSE software, <http://idt-09.kesinternational.org/prose.php>, for submitting and tracking the papers. All manuscripts will be reviewed by members of the program committee based on originality, significance, technical soundness, and clarity of exposition.

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**Short CV of Session chair:**

Professor Kevin Wilson received his Ph.D. degree in the Information Science College from the University of Athens, Greece in 2006. His M.S. degree was received in the Information College from Aegean University. He works as a teacher of Information Science College, the University of Athens. His research interests include Grid Computing, Distributed Computing, Tasks Scheduling, Data Mining and Web Service. He has been main members of several major projects in national level.