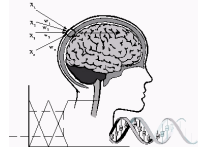




# International

*Innovation in Knowledge Based and Intelligent  
Engineering Systems*



## INVITED SESSION SUMMARY

**Title of Session:****Intelligent systems in evaluation and performance measurement****Name, Title and Affiliation of Chair:**

Prof. Iga Rudawska, University of Szczecin, Institute of Economics and Finance, Poland

Co-chair:

Prof. Malgorzata Porada-Rochoń, University of Szczecin, Institute of Economics and Finance, Poland

Prof. Sebastian Majewski, University of Szczecin, Institute of Economics and Finance, Poland

**Details of Session (including aim and scope):**

Contemporary thinking with respect to the design of evaluation and performance measurement promotes the capture of multiple financial and non-financial performance indicators that reflect the key value-adding activities of economies, systems, and organizations. In this session, we want to focus on important issues related to the development of intelligent information systems to support evaluation that can be useful for both theorists and practitioners. A special focus will be on capturing and using domain knowledge in engineering of performance measuring systems.

Suitable topics include, but are not limited to the following:

1. Concepts and issues in performance measurement systems
2. Design and implementation of performance measurement intelligent systems
3. Knowledge based systems and ontologies in performance measurement
4. Using performance measurement systems for accountability and performance improvements
5. Application of quantitative and qualitative evaluation methods in intelligent, performance measurement systems
6. Engineering of Financial Development and Economic Growth Measurement
7. Engineering of Financial Cycle and Economic Cycles Measurement
8. Analysis of resilience measurement frameworks and approaches
9. Application of quantitative tools in market risk evaluation
10. Methods and algorithms in identification of heuristics and biases disrupting the process of financial events proper evaluation
11. Methods and algorithms in evaluation of the state of the market from the point of view of rationality and informational efficiency

The format of the papers as well as the dates for submitting papers are the same as in the general KES conference. The papers proposed in the session should present the original research work.

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

**Website URL of Call for Papers (if any):**

**Email & Contact Details:**

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