

INVITED SESSION SUMMARY

Title of Session:

Software Engineering and IT Intensive Systems

Name, Title and Affiliation of Chair:

Prof. Dr. Sergey V. Zykov

- HSE University, Russia
- MEPhI National Nuclear Research University, Russia

and Dr. Hadi M. Saleh

- HSE University, Russia

Details of Session (including aim and scope):

Software engineering assists in a number of problems. The focus of the invited session is IT intensive system development based on software engineering. The engineering processes include a number of aspects; these include models, methodologies, and management principles and practices. In IT intensive systems, software engineering often becomes mission-critical.

Advances in software engineering provide better quality of IT intensive systems, specifically enterprise systems, and make them more efficient. Papers are invited on the recent theoretical and practical findings in software engineering and IT intensive systems.

The topics include but are not limited to:

- Software Engineering Methods and Theory
- Software Engineering Principles and Practices
- System Engineering
- Quality Engineering
- Crisis Management
- Enterprise Engineering
- Enterprise Systems Development
- Enterprise Applications Integration
- Enterprise Content Management
- Domain Analysis and Modeling
- Human-Machine Cooperation
- Integration and Interoperability
- Business Process Optimization
- Business Process Management
- Education and Training
- Applications and Case Studies

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

- INSA Rouen Normandie, Rouen, France
- CNAM, Paris, France
- Informing Systems Institute, University of South Florida, USA
- Institute for Systems and Technologies of Information, Control and Communication, Portugal

Website URL of Call for Papers (if any):
Email & Contact Details:

Prof. Dr. Sergey V. Zykov

National Research University – Higher School of Economics, Russia

szykov@hse.ru / szykov@hotmail.com

