INVITED SESSION SUMMARY

Title of Session:

Intelligent solutions in e-commerce, network economy and manufacturing (ISENEM 2019)

Name, Title and Affiliation of Chair:

Prof. Arkadiusz Kawa, Poznan University of Economics and Business

Prof. Pawel Pawlewski, Poznan University of Technology

Details of Session (including aim and scope):

The aim of this session is to create a discussion platform focused on the new and emerging solutions that might be successfully applied for improvement of e-commerce and manufacturing system management in highly volatile environment of today's global network economy. In order to remain competitive in the market, manufacturing companies have to achieve flexibility or agility of their operations. The intelligent and distributed solutions seem to provide an appropriate framework for quick-response to crisis economy shifts.

The new simulation and optimization propositions, multiagents based solutions, intelligent systems are technologies that might be successfully applied for improvement of manufacturing operation, e-commerce, supply chain management and network economy. There is a number of emerging issues in this research area with big potential for these application like: resource allocation, process modelling, production planning, production scheduling, production control, materials flow planning etc. Both theoretical and practical approaches in the area are welcome. While the amount of data is growing at an exponential rate, we are faced with the challenge of analyzing, processing and extracting useful information from it.

A list of interested topics for this session, but not limited to, is provided below:
- Simulation and optimization in manufacturing
- Modeling and simulation of business processes
- Multi-agent systems in e-commerce and business networks
- Cloud computing in network economy
- Artificial intelligence in e-commerce and supply chains
- Dynamic organizational issues and distributed agents
- Simulation experiments of business models and scenarios
- Virtual organizations
- Networking strategies
- e-commerce
- e-supply chains
- e-logistics
- e-manufacturing
- e-Business standards
- Enterprise architecture and implementation issues

Email & Contact Details:

Prof. Arkadiusz Kawa, Poznan University of Economics and Business
Al. Niepodleglosci 10, 61-875 Poznan, POLAND
arkadiusz.kawa@ue.poznan.pl

Prof. Pawel Pawlewski, Poznan University of Technology
Ul. Strzelecka 11, 60-965 Poznan, POLAND
pawel.pawlewski@put.poznan.pl