



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:

New Generation Computing in Engineering, Life Science and Economy

Name, Title and Affiliation of Chair:

Prof. Piotr Nikończuk, West Pomeranian University of Technology, Szczecin,
Prof. Norbert Chamier-Gliszczyński, Koszalin University of Technology,
Dr. Roma Strulak-Wójcikiewicz, Maritime University of Szczecin,
Dr. Agnieszka Deja, Maritime University of Szczecin,
PhD Cand. Norbert Lech, West Pomeranian University of Technology, Szczecin

Details of Session (including aim and scope):

This session will focus on applications of modern computing methods in Engineering, Life Science and Economy. Modern computing methods are understood as modelling, simulations and decision making using computing methods like fuzzy logic, neural networks, genetic algorithms, big data, cloud computing, etc.

The topics of interest include but are not limited to:

1. Expert and Decision Making Systems,
2. Optimization Systems,
3. Self Learning and Modelling Systems,
4. Data Analysis Systems,
5. Big Data Analysis Systems,
6. Industry 4.0 and Industry 5.0.

The authors are invited to share their knowledge and experience in above topics.

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

West Pomeranian University of Technology, Szczecin Poland
Maritime University of Szczecin, Poland
Koszalin University of Technology, Poland
Oulu University of Applied Sciences, Finland
Uppsala University, Sweden
Blekinge Institute of Technology, Sweden

Website URL of Call for Papers (if any):

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