



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:

Digital Twins and New Generation Computing in Engineering, Life Sciences 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 Digital Twins and modern computing methods in all areas of life, such as Engineering, Life Sciences and Economy. Modern computing methods are understood as modelling, simulations and decision making using computing methods like fuzzy logic, neural networks, genetic algorithms, cloud computing, etc.

The topics of interest include but are not limited to:

- Digital Twins,
- Expert and Decision Making Systems,
- Optimization Systems,
- Self Learning and Modelling Systems,
- Data Analysis Systems,
- Big Data Analysis Systems,
- Industry 4.0 and Industry 5.0.
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The authors are invited to share their knowledge, experience, thoughts and even concepts related to the 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
Blekinge Institute of Technology, Sweden

Website URL of Call for Papers (if any):

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