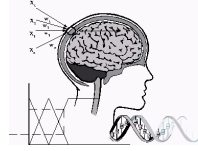




# International

*Innovation in Knowledge Based and Intelligent  
Engineering Systems*



## 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, Faculty of Maritime Technology and Transport, Al. Piastów 41, 70-065. Szczecin, Poland

Prof. Elisabeth Rakus-Andersson, Blekinge Institute of Technology, Department of Mathematics and Science, 37179 Karlskrona, Sweden

**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 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

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

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

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

**Email & Contact Details:**

Piotr Nikończuk [piotr.nikonczuk@zut.edu.pl](mailto:piotr.nikonczuk@zut.edu.pl)

Elisabeth Rakus-Andersson [elisabeth.andersson@bth.se](mailto:elisabeth.andersson@bth.se)