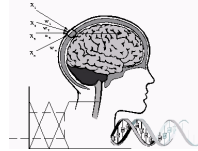




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session:

Additive Manufacturing and Sustainability

Name, Title and Affiliation of Chair:

Professor Rossi Setchi, Cardiff University, UK
Professor Qian Tang, Chongqing University, China
Professor Quanquan Han, Shandong University, China

Details of Session (including aim and scope):

This session brings together academic researchers and industrialists interested in the potential of additive manufacturing (AM) to change product development, manufacturing and logistics, and improve the sustainability across a range of industrial sectors. Of particular interest is the potential of additive manufacturing for recycling and circular economy.

The scope of the invited session includes but is not limited to the following topics:

- Theoretical modelling and simulations,
- New materials for additive manufacturing,
- Multi-material additive manufacturing,
- Lattice structures,
- Use of recycled materials in additive manufacturing,
- Lifecycle assessment of additive manufacturing,
- Process optimisation and control,
- Industrial applications.

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

Cardiff School of Engineering, Cardiff University
Chongqing State Key Laboratory of Mechanical Transmission, Chongqing University
School of Mechanical Engineering, Shandong University, China

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

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