



International

Innovation in Knowledge Based and Intelligent Engineering Systems



INVITED SESSION SUMMARY

Title of Session:

Sustainable Supply Chains

Name, Title and Affiliation of Chair:

Dr Anthony Soroka, Senior Project Officer, Cardiff University

Details of Session (including aim and scope):

Sustainable supply chains have become a critical business issue in 21st century manufacturing. Supply chain sustainability encompasses factors such as environmental impact, ethical factors, risk and waste within an enterprise's supply chain and logistics network. Sustainability has very much become a hot-topic and is now being seen as an essential driver of long-term business profitability.

The aim of this special session is to bring together researchers and practitioners working in various aspects of sustainable supply chains to present and discuss the challenges, research trends and latest theories and practices from engineering, management and social sciences perspectives.

The scope of the sustainable supply chain covers the entire product lifecycle from supplier decisions made at the time of product design through to the reverse logistics required at the end of a product's life. Topics covered by the invited session will include (but are not limited to):

- Design of supply chains
- Global v local supply chains and procurement
- Green logistics
- Reshoring of manufacturing
- Resilient supply chains
- Smart logistics
- Supply chain modelling and simulation
- Supply chain repatriation and re-sourcing
- Sustainable procurement
- Traceability in supply chains

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

Cardiff Business School, Cardiff University

Faculty of Business and Society, University of South Wales

School of Logistics and Manufacturing Management, Swansea Metropolitan University

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

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