



International

Innovation in Knowledge Based and Intelligent Engineering Systems



INVITED SESSION SUMMARY

Title of Session:

Cyber-Physical Systems and Applications

Name, Title and Affiliation of Chair:

Prof Anne Håkansson, IFI, UIT, Tromsø, Norway, and Prof Ronald Hartung, Franklin University, USA

Details of Session (including aim and scope):

KES2018 conference

Aim

The invited session provides researchers a forum to explore and present their findings in Applications, Technology and Infrastructures for Cyber-Physical Systems. This includes providing intelligent distributed environments and systems and decision-making and negotiation and other related areas.

Topics

Papers providing recent research in Cyber-Physical Systems in one or more of the following topics will be considered, but not limited to:

- Intelligent Cyber-Physical Systems (CPS)
- Cyber Physical Production Systems (CPPS)
- Intelligent distributed environments
- Intelligent distributed systems
- Individualised user experience
- Ubiquitous access to services and products
- Industrial and Advanced Manufacturing
- Reasoning strategies and Decision-making
- Negotiations
- Security
- Privacy
- Smart industrial communication protocols (OPC, OPCUA)
- Industrial data visualization and Visual Analytics
- Digital Twins
- Smart factories
- Smart Enterprise Resource Planning ERP systems (S-ERP)
- Business Intelligent Systems in Smart Factory integration.

Review Procedure

The conference review committee has agreed upon the use of a double blind process prior to accepting papers. Visit <http://kes2019.kesinternational.org/prose.php> to submit and track your paper using PROSE.

Papers are required in PDF format, however each must be accompanied by the source text, either in Latex or MS Word.

Important Deadlines

- Submission of papers: **1 May 2019**
- Notification of Acceptance: **15 May 2019**
- Receipt of publication files: **1 June 2019**

Proceeding and Publishing Issues

Authors who submit and present their work will have their work published and indexed internationally by Elsevier's Procedia Computer Science (<http://www.journals.elsevier.com/procedia> - computer-science/).

Track Chairs

Prof Anne Hakansson, annehak@kth.se, IFI, UIT, Tromsø, Norway

Prof Ronald Hartung, Ronaldhartung1@gmail.com, Franklin University, USA

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

Website URL of Call for Papers (if any):

Email & Contact Details: