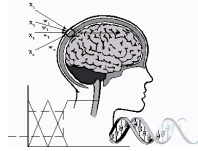




# International

*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 Hakansson, KTH Royal Institute of Technology, Sweden, 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://kes2017.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 2018**
- Notification of Acceptance: **15 May 2018**
- Receipt of publication files: **1 June 2018**

**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**

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

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

**Email & Contact Details:**