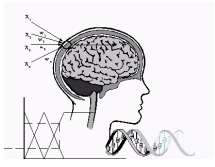
International

Innovation in Knowledge Based and Intelligent Engineering Systems



INVITED SESSION SUMMARY

Title of Session:

Cyber-Physical Systems and Smart Internet-of-Things

Name, Title and Affiliation of Chair:

Prof Anne Hakansson
UiT Norges arktiske universitet
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Co-Chaired by
Prof. Ronald Hartung
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Details of Session (including aim and scope):

KES2020 conference

Aim
The invited session provides researchers a forum to explore and present their findings in Applications, Systems, and Technologies for Cyber-Physical Systems and Smart Internet-of-Things (IoT). This session includes topics such as intelligent distributed environments, security and other related areas.

Topics

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

- Intelligent Cyber-Physical Systems (CPS) '
- Intelligent Cyber-Physical Systems Applications
- Cyber Physical Production Systems (CPPS)
- Internet-of-Things intelligent systems (IoT)
- Internet-of-Things intelligent applications (IoT)
- Intelligent distributed environments
- Intelligent distributed systems
- Individualised user experience
- Ubiquitous access to services and products
- Industrial and Advanced Manufacturing
- Reasoning strategies and Decision-making

- Security and Privacy
- Smart industrial communication protocols (OPC, OPCUA)
- Industrial data visualization and Visual Analytics
- Digital Twins
- 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://kes2020.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 2020**
• Notification of Acceptance: **15 May 2020** • Receipt of publication files: **1 June 2020**

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 Håkansson
Prof Ronald Hartung

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

Website URL of Call for Papers (if any):

Email & Contact Details:

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