## 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, Prof Ronald Hartung, Franklin University, USA and Dr Esmiralda Moradian, Stockholm University, Sweden, Carlos Toro, Vicomtech-IK4, University of the Basque Country, Spain

### Details of Session (including aim and scope):

**KES2017 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 embedded systems, Internet of Things, Big data and large-scale Cyber-Physical Systems, as well as intelligent Cyber-Physical environments and systems, 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://kes2016.kesinternational.org/prose.php](http://kes2016.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 2017**
- Notification of Acceptance: **15 May 2017**
• Receipt of publication files: 1 June 2017

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, KTH Royal Institute of Technology, Sweden
Prof Ronald Hartung, ronaldhartung@gmail.com, Franklin University, USA
Dr Esmiralda Moradian, esmirald@dsv.su.se, Stockholm University, Sweden
Dr Carlos Toro, citoro@vicomtech.org, Vicomtech-IK4 research Centre, Spain

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

Website URL of Call for Papers (if any):

Email & Contact Details: