

## **Special issue on Sensor networks and intelligent system for cyber physical systems**

With the expanding accessibility of mobile phones and information produced by individuals, logical instruments and reproductions, today, comprehending huge numbers of our most critical logical and designing issues requires intense arrangements giving the entire anchor to process information and administrations from the versatile clients to the cloud infrastructure, which should likewise incorporate heterogeneous clouds to give accessibility, adaptability, and data privacy. These arrangements are increasingly essential with the expanding cooperative energies between cloud computing and information concentrated applications, which require cyber physical systems that must be ground-breaking in a wide sense to fulfil the administrations and information preparing prerequisites from a huge number of clients, however in the meantime need to give strong network and adaptivity utilities to cope with near future mobile applications.

This special issue also aims to foster a research community committed to advancing research and education at the confluence of wireless sensor networks and intelligent system for cyber physical systems

- Integration solutions for mobile, hybrid, and heterogeneous clouds cyber physical systems.
- Management of massive data using mobile and heterogeneous clouds.
- Simulation, emulation, and performance evaluation for real-time cyber physical systems
- Resource management and scheduling in mobile, hybrid, and heterogeneous clouds.
- New programming models as well as machine and application abstractions.
- Adaptive software for cloud computing and data systems
- Computing and communication models for real-time cyber-physical co-design
- Big Data applications and mobile clouds.
- Resource management based on self-awareness in distributed cyber physical systems
- Scalable design and data management of cloud CPS, smart grid CPS, mobile CPS, social CPS
- Data chain integration in mobile, hybrid, and heterogeneous clouds.
- Collaborative infrastructures and virtual organizations using mobile clouds.
- High-end scientific and engineering computing.
- Novel applications of mobile, hybrid, and heterogeneous clouds cyber physical systems.
- Lower power heterogeneous computing for distributed cyber physical systems

### **Information for Authors**

Authors who submit their work have to specify that the manuscript is for the “**Sensor networks and intelligent system for cyber physical systems**” Special Issue. This can be done by either inserting a proper note within the manuscript or through a comment in the submission form.

Manuscripts must be prepared according to the JHSN Information for Authors defined in: <http://www.iospress.nl/journal/journal-of-high-speed-networks/>

Manuscripts must also be uploaded through JHSN's electronic submission system: <http://mstracker.com/submit1.php?jc=jhsn>

## **Important Dates**

Paper submission due date: 30 December 2019

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Revised version due date: 30 April , 2020

Final version due date: 30 June 2020

## **Guest Editors**

Dr. Wenjing Lou, Professor of Electrical and Computer Engineering, Virginia Tech, USA

Email : wjlou@ieee.org

Dr.Sabita Maharjan, Digital Infrastructure and Security, Department of Informatics, University of Oslo, Norway

Email: sabita@simula.no

Dr.Awais Ahmed, Università degli studi di Milano, Italy

Email: Awais.Ahmad@Unimi.it