

# Special Issue

## Secure, Efficient Cyber-Physical Systems and Wireless Sensors

### Message from the Guest Editors

The aim of this Special Issue is to bring together researchers and practitioners from diverse fields of science and engineering working on achieving efficiency and/or security in the cyberphysical system domain and the industrial wireless sensors network domain. Topics of interest include (but are not limited to):

- Distributed, cooperative signal processing and machine learning for dependable CPSs
- Augmented reality tools for increasing situational awareness in CPHSs
- The design and implementation of smart dynamic network structures for dependable CPSs
- Run time security monitoring solutions for CPSoS
- CPS and wireless sensor network Security vulnerabilities and countermeasures.
- CPS and wireless sensor modeling for real world applications
- Deep multi-modal learning accelerators for the real time monitoring of physical processes
- Real-world CPS deployments; pilots of intelligent distributed sensing methods utilizing edge-computing
- Efficient wireless sensor designs and realizations

The Special Issue is supported by the EU H2020 project CPSoSaware: Cross-layer cognitive optimization tools & methods for the lifecycle support of dependable CPSoS under contract 871738.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2021)



## Journal of Sensor and Actuator Networks

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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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### Editor-in-Chief

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