



Call for Papers

Special issue on

Smart Systems and Architectures

Journal of Communications Software and Systems (JCOMSS)

Smart systems and architectures are enablers for the smart environment. For this purposes, wide integration of sensing, actuation, signal processing, software and control procedures are needed in order to make timely decisions and benefits that smart environments can rely on. To achieve this goal, there is a need for interdisciplinary approach that considers next generation of computing and information system, combining artificial intelligence, machine learning, cyber-physical systems, edge/cloud computing, pervasive/ubiquitous computing, big data analytics, and Internet of Things (IoT) technologies and other engineering approaches to provide real-time networked information and control.

The major challenges in smart systems are: how to design and adopt interdisciplinary approaches to build integrated smart systems? This Special Issue (SI) is focused on researchers and practitioners interested in the theory and practice of smart systems and technologies related to electrical engineering, communications, computer science and engineering, control systems, robotics, as well as interdisciplinary research and applications. It welcomes papers with the original scientific contribution that are relevant to the following potential areas of the theory and practice of smart systems (but not limited to):

- *Computing Models and Algorithms for Smart Systems*
- *Artificial Intelligence and Machine Learning for Smart Systems*
- *Platforms for Smart Systems*
- *Cyber-physical systems*
- *Smart Communication and Networking Technologies*
- *Big Data and Smart Systems*
- *Biometrics and Smart Systems*
- *Cloud/Edge/Fog Computing Technologies for Smart Systems*
- *System Design and Architecture for Smart Systems*
- *Software solutions for Smart systems*
- *IoT and Industrial IoT Technologies for Smart Systems*
- *Interdisciplinary Technological Approaches and Solutions for Smart Systems*
- *Smart System Applications (e.g., smart security and surveillance systems, smart transportation systems, smart agriculture, smart healthcare systems, unmanned systems, smart energy management, smart logistics and supply chain management systems)*

Authors wishing to submit papers for this SI should prepare the manuscript according to the Author Guidelines (<https://jcoms.fesb.unist.hr/author-guidelines/>). The manuscript prepared according to the guidelines should be submitted by pressing SUBMIT AN ARTICLE. Authors are requested to declare in author's cover letter that they submit the manuscript for Special Issue on Smart Systems and Architectures.

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IMPORTANT DATES

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More information about the JCOMSS including details on the submission process and authors kit is available on the website:

<http://jcoms.fesb.unist.hr>