

Smart Systems: Challenges, Enabling Technologies and Software Solutions

Guest Editors:

Prof. Dr. Sanja Lazarova-Molnar

Mærsk Mc-Kinney Møller
Institute, University of Southern
Denmark, Odense, Denmark

slmo@mmmi.sdu.dk

Prof. Dr. Jameela Al-Jaroodi

Department of Engineering,
Robert Morris University, Moon
Township, PA 15108, USA

aljaroodi@rmu.edu

Prof. Dr. Nader Mohamed

California University of
Pennsylvania, PA, United States

mohamed@calu.edu

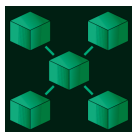
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Message from the Guest Editors

Our reality nowadays is being flooded with all kinds of smart systems, ranging from mundane mobile-based smart applications all the way up to industrial highly complex smart systems. Smart systems are used currently to address social, economic, personal, and environmental issues. The objectives are to increase efficiency and improve performance in addition to creating autonomous systems, thus reducing the need for human interventions whenever possible. Smart systems incorporate functions of sensing, actuation, analysis and control for describing and analyzing various situations, and consequently making decisions based on the available data in a predictive or adaptive manner. These decisions further result in smart systems performing smart actions. The focus of this Special Issue is on the challenges associated with smart systems; the enabling technologies in hardware devices, networking, sensing and control tools; and the software solution approaches including data analytics, decision making algorithms, optimization techniques, and intelligent algorithms.





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Editor-in-Chief

Prof. Dr. Lei Shu

1. College of Artificial Intelligence,
Nanjing Agricultural University,
Nanjing, China;
2. School of Engineering, College
of Science, University of Lincoln,
Lincoln LN6 7TS, UK

Message from the Editor-in-Chief

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*Journal of Sensor and Actuator
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MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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