# Special Issue

# Advanced Sensing Technologies in Automation and Computer Sciences

## Message from the Guest Editors

Perception is a key element in Automation and Computer Sciences. Sensing technologies are a foundamental part of perception and data acquisition processes and have notably evolved during recent years. The rapid development of advanced sensors and relevant sensing technologies facilitate the booming of the era of Big Data and Artificial Intelligence, providing a foundation for new paradigms to information perception and data acquisition. Research on intelligent sensing systems, technologies, algorithms, and approaches has attracted considerable attention, promoting the application in intelligent transportation, autonomous vehicles, advanced robots, wireless sensor networks, and the Internet of Things.   This special issue is associated with the 10th International Conference on Control, Automation and Information Sciences (www.iccais2021.com) to be hold in Xi'an, China, 14th - 17th October 2021.   This special issue fits with the scope of Sensors, paying attention to recent advances and trends in sensing technologies algorithms, and approaches in the field of Automation Engineering and Computer/Information Sciences.

## Guest Editors

Prof. Dr. Javier Bajo

Dr. Yun Zhu

Dr. Emilio Serrano

Prof. Dr. Tiancheng Li

## Deadline for manuscript submissions

closed (30 April 2022)

# Automation

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# About the Journal

### Message from the Editor-in-Chief

*Automation* (ISSN 2673-4052) is a international peer-reviewed open access journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of automation and control system. Both experimental and theoretical papers are published, including all aspects of manufacturing systems, energy management systems, aerospace control systems, micro- and nano-systems, learning systems, intelligent control systems and so on. Automation organizes Special Issues devoted to specific automation and controlling areas and applications each year.

### Editor-in-Chief

Prof. Dr. Eyad H. Abed
Department of Electrical and Computer Engineering and the Institute for Systems Research, University of Maryland, College Park, MD 20742, USA

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