

# Special Issue

## ***Automation*: 5th Anniversary Feature Papers**

### **Message from the Guest Editor**

The journal *Automation* was founded in 2020. During the past 5 years, *Automation* has published over 5 Special Issues and 100 papers and welcomed breakthrough and innovative papers in automation, control, and allied topics. *Automation* covers a broad range of areas, such as studies related to the following topics: control theory, optimization algorithms, networked systems, condition monitoring, manufacturing systems, energy management systems, aerospace control systems, learning systems, intelligent control systems, artificial neural networks, motion control and sensing, supervisory control and data acquisition, process automation and monitoring, fault detection and diagnosis, robotics and applications, human-machine systems and interfaces, and automation-related devices and sensors. The year 2024 marks the journal's 5th anniversary as well as its acceptance for coverage in the Emerging Sources Citations Index (ESCI) in Web of Science. We are thus excited to celebrate *Automation's* 5th anniversary with a Special Issue.

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### **Guest Editor**

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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### **Deadline for manuscript submissions**

31 July 2025



## **Automation**

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**Impact Factor 2.0**  
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## About the Journal

### Message from the Editor-in-Chief

*Automation* (ISSN 2673-4052) is an 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.

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### Editor-in-Chief

Prof. Dr. Eyad H. Abed

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