Topical Collection

Automation in Intelligent Transportation Systems

Message from the Collection Editor

The mobility system is undergoing a paradigm shift toward more sustainable, safer, and smarter transportation. In this context, automation systems, which are becoming highly multidisciplinary, require an ever-increasing combination of control, information, and electrical/electronic and mechanical disciplines. The objective of this Special Issue is to compile recent research and development efforts contributing to advances in ITS automation. The Special Issue will also welcome contributions addressing state-of-the-art advances in associated developments and methodologies and perspectives on future developments and applications. The potential topics include, but are not limited to, the following:

- Advanced automation systems
- Intelligent transportation systems
- Future mobility solutions
- Artificial intelligence (AI) and the Internet of Things (IoT) for intelligent transportation systems (ITS)
- Automation design for ITS
- Control and optimization in ITS
- Cyber-physical systems in ITS
- Human-automation systems in ITS

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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.

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