automation

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Automation in Intelligent Transportation Systems

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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