

Special Issue

Networked Control System and Its Latest Applications

Message from the Guest Editors

Networked control systems (NCSs) are systems in which the control and communication components are integrated over a network. Recent developments in NCSs have focused on improving their performance, robustness, and scalability, while also addressing issues related to security and privacy. One major development in NCSs has been the use of wireless communication technologies, such as Wi-Fi, Bluetooth, and ZigBee, to enable communication between control components.

This Special Issue aims to provide a research venue for exchanging and discussing the technical trends and challenges of networked control systems and applications. Both theory-and application-driven studies are invited for participation. Potential topics to be covered in this Special Issue include, but are not limited to:

- Resilient control of networked control systems subject to cyber-attacks
- Distributed control with event-triggered sampling
- Complex networked control
- State estimation or filtering of networked control systems
- Intelligent networked control systems and applications
- Multi-agent systems and applications

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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