

Special Issue

Networked Control Systems: Trends and Technique

Message from the Guest Editors

We invite researchers and experts around the world to submit high-quality original research papers on potential topics that include, but are not limited to, the following potential themes:

- Novel and effective methods on stability analysis and performance evaluation for NCSs;
- Designs about data transmission strategy under limited communication resources;
- Analysis of optimal control problem for NCSs with deep learning and reinforcement learning;
- Stability analysis and security control with dynamic network topology for multi-agent systems;
- Research studies on security control issues about data transmission in network channel;
- Strategies on traffic arrangement and effective usage for communication network;
- Algorithms on security control analysis based on game theory and machine learning;
- Research and application of intelligent computing technology and big data;
- Analysis of decision optimization problems in complex processes;
- Studies of complex industrial process and applications of relative methods;
- Stability analysis of data-driven modeling, control, and optimization;
- Research and application of dual-encoder architecture with generative adversarial networks.

Guest Editors

Prof. Dr. Jinliang Liu

Dr. Xiangpeng Xie

Dr. Yan Li

Deadline for manuscript submissions

closed (30 November 2022)



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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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