

Special Issue

Recent Developments on Time-Delay Systems and Its Applications

Message from the Guest Editor

The purpose of this Special Issue is to advance the time-delay system method and further promote the research activities in estimation and control for networked (distributed) control systems, including sensor networks, complex networks and neural networks. The Special Issue is targeted at original works to address some emerging issues and challenges from time-delays systems and networked (distributed) control systems and their applications to areas, such as power systems, smart grids, robotics, etc. The list of possible topics includes, but is not limited to:

- Delay effects on vibration control systems, e.g., offshore platforms, etc.
- Estimation and control of time-delay systems
- Global asymptotic stability analysis and state estimation of delayed neural networks
- Event-triggered control and estimation of (distributed) networked control systems
- Consensus and cooperative control of multi-agent systems subject to time-delays
- Applications of time-delay system approaches in smart grid, wireless robotics, repetitive control, some other industrial control systems, etc.

Welcome to contribute!

Guest Editor

Dr. Xian-Ming Zhang

School of Software and Electrical Engineering, Swinburne University of Technology, Melbourne, VIC 3122, Australia

Deadline for manuscript submissions

closed (28 February 2019)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/17471

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).