

Special Issue

Applications and Innovations in Control and Automation

Message from the Guest Editors

The steadily growing industry and advances in electromobility are placing ever-increasing demands on motion control, diagnostics, monitoring, reliability and energy efficiency of components and entire systems, particularly electric drives, all with as few measurement signals available as possible. These requirements necessitate the development of existing solutions as well as the search for new, innovative ones that take advantage of the latest advances in science and technology. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- numerical modeling;
- optimization;
- novel/improved measurement techniques;
- diagnostics and monitoring of mechatronic systems;
- control of electric drives in electric vehicles;
- motion control of complex mechatronic systems;
- active disturbance rejection-based control;
- fault-tolerant control;
- energy-efficient systems.

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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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