Special Issue

Robust Control Applications Using Wireless Communication Technologies

Message from the Guest Editors

New technologies, aimed specifically at industrial environments are starting to be introduced. These technologies may improve the QoS parameters of wireless applications. However, the design of critical applications must be handled in a holistic way, especially since the performance of the communications may influence the performance of the control algorithm. Thus, the research community is interested in robust approaches to build critical control systems, systems which can be supported supported over wireless technologies even in case that the QoS performance of the applications is degraded. The techniques presented should cope with all related challenges, even when the QoS performance of the applications is degraded. For that reason, we invite colleagues in the research community to disseminate their novel contributions in these fields.

- wireless control systems
- industrial internet of things (IIoT)
- R=robust control applications
- wireless technologies
- advanced control approaches

Guest Editors

Dr. Isidro Calvo

Prof. Dr. Oscar Barambones

Dr. Jose Miguel Gil-García

Deadline for manuscript submissions

closed (20 January 2025)

About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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