

## Special Issue

# Human-Robot Interaction and Collaboration for Effective Solutions to Real-World Problems

### Message from the Guest Editors

The Special Issue entitled "*Human-Robot Interaction and Collaboration for Effective Solutions to Real-World Problems*" focuses on innovative technologies aiming at addressing challenges arising from human and robot coexistence in various environments, namely domestic and work environments. This Special Issue will feature research on communication interfaces that allow for intelligent human-robot interactions, the deployment of adaptive robots in close cooperation with humans in sensitive environments, and the role of autonomous systems that work in proximity with humans in critical scenarios. Articles will include case studies, technological innovations, and methodologies that demonstrate the significant impact of human-robot partnerships in enhancing operational efficiency, safety, and problem-solving in real-world applications.

### Guest Editors

Dr. Vasiliki Balaska

Dr. Symeon Symeonidis

Prof. Dr. Antonios Gasteratos

### Deadline for manuscript submissions

31 August 2025



## Electronics

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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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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