

## Special Issue

# New Insights of Internet of Things in Industry 4.0

### Message from the Guest Editors

Industry 4.0 represents the Fourth Industrial Revolution, where advanced digital technologies—such as the Internet of Things (IoT), cyber-physical systems, cloud computing, and artificial intelligence—are seamlessly integrated into manufacturing and industrial processes. In this Special Issue, we invite academic researchers to contribute original articles that explore these multifaceted dimensions. Potential research topics include IoT security and privacy in industrial environments, AI and machine learning integration for process optimization, developing interoperable cyber-physical systems, and creating digital twin technologies for enhanced simulation and control. We also welcome studies on human-machine interactions, the socio-economic impacts of Industry 4.0, and sustainable manufacturing practices. By bridging rigorous theoretical analysis with practical applications, your contributions will help advance our understanding of Industry 4.0's transformative potential and set the stage for future innovations.

### Guest Editors

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### Deadline for manuscript submissions

15 September 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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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