

## Special Issue

# Computer-Integrated Manufacturing in Industry 4.0/5.0

### Message from the Guest Editors

This Special Issue, entitled “Computer-Integrated Manufacturing in Industry 4.0/5.0”, aims to explore the advanced methodologies, technologies, and strategies that drive the evolution of smart manufacturing systems. The scope of this Special Issue spans the transformation of traditional manufacturing processes to highly adaptive, efficient, and personalized systems that not only optimize operational workflows but also enhance the interaction between workers and machines. We welcome the submission of studies that address the novel application of AI for predictive maintenance, augmented and virtual reality for training, the use of digital twins for real-time monitoring, and security frameworks that safeguard interconnected industrial environments. This Special Issue will serve as a platform for researchers and industry experts to contribute insights that support the seamless integration of advanced technologies into manufacturing, ultimately enhancing productivity, sustainability, and adaptability in the face of rapidly evolving industrial demands.

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### Guest Editors

Dr. Stella Hrehová

Dr. Jozef Husar

Dr. Justyna Trojanowska

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### Deadline for manuscript submissions

closed (15 June 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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