

Special Issue

Industrial IoT as IT and OT Convergence: Challenges and Opportunities

Message from the Guest Editors

This Special Issue focuses on the innovative developments, technologies, and challenges related to the convergence of IT and OT in IoT application scenarios. This Special Issue seeks the latest findings from research and ongoing projects, also including practical use cases and detailed real-world deployment toward gaining new insights. Additionally, review articles that provide readers with current research trends and solutions are also welcome. The potential topics include, but are not limited to:

- Industrial Internet of Things use cases
- Architectural and networking innovation for OT/IT interoperability
- Cybersecurity for OT/IT convergence
- IoT security protocols and IoT networking and communication security
- Adoption of edge and fog computing for the shop floor
- Cloud and edge/fog synchronization, interoperability, and hybrid architectures
- Multiple access network technologies management, e.g., 5G/fiber/ethernet
- Management of protocol heterogeneity and translation
- Digital twin as a technological enabler for new IIoT architectures and deployments

Guest Editors

Dr. Carlo Giannelli

Department of Mathematics and Computer Science (DMI), University of Ferrara, Via Giuseppe Saragat, 1, 44122 Ferrara, Italy

Dr. Marco Picone

Department of Sciences and Methods for Engineering (DISMI), University of Modena and Reggio Emilia, Via Amendola 2, Pad. Morselli, 42121 Reggio Emilia, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
iot@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Amiya Nayak
School of Electrical Engineering & Computer Science, University of
Ottawa, 800 King Edward Avenue, Ottawa, ON K1N 6N5, Canada

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