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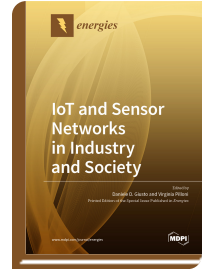


*Special Issue Reprint*

## **IoT and Sensor Networks in Industry and Society**

[www.mdpi.com/books/reprint/5087](http://www.mdpi.com/books/reprint/5087)

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ISBN 978-3-0365-0216-8 (Hardback)  
ISBN 978-3-0365-0217-5 (PDF)

In the last decade, the deployment of Internet of Things (IoT) and sensor networks have made a strong impact on many aspects of society. The seamless integration of technologies to perform sensor data generation, transmission, and processing has enabled the development of smart solutions such as smart cities, smart agriculture, and smart transports. As the business environment is being increasingly digitized, traditional industrial processes are rapidly reshaping to build the fourth industrial revolution, namely Industry 4.0. This will pave the way for the use of information and communication technology (ICT) as one of the pillars of Society 5.0, a super-smart human-centric society in which both economic development and resolution of societal challenges are achieved. This book presents recent advances in IoT and sensor networks towards the implementation of Industry 4.0 and Society 5.0. The 12 Chapters cover some of the most relevant aspects, starting from a horizontal view of the main enabling technologies, and proceeding with a vertical perspective on four different environments, namely Industry 4.0, smart buildings, smart transport, and smart environmental monitoring. Researchers and practitioners will find this book a valuable tool for their work, helping them evaluate the different technologies that will have a key role in the progress of industry and society, while understanding their inherent strengths and drawbacks.



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