

# The 4th EAI International Conference on Industrial IoT 2020: Shaping the Future of Connectivity

The world is going through a digital revolution, and the Internet of Things (IoT) is at the forefront of this transformation. The concept of connecting devices and objects to the internet has opened up a myriad of possibilities for industries across the globe. As we approach the end of a challenging year, the 4th EAI International Conference on Industrial IoT 2020 is set to take place virtually on December 11th, providing a platform for experts and enthusiasts to come together and discuss the latest trends, innovations, and challenges in the field of Industrial IoT.

## Connecting Industries for a Smarter Future

The Industrial IoT Conference aims to foster collaboration between academia and industry by bringing together researchers, engineers, and industry professionals from around the world. This year's conference, in its fourth edition, will focus on "Shaping the Future of Connectivity," highlighting the impact of Industrial IoT on various sectors, including manufacturing, healthcare, transportation, and energy.



**Industrial IoT Technologies and Applications: 4th EAI International Conference, Industrial IoT 2020, Virtual Event, December 11, 2020, Proceedings (Lecture ... Telecommunications Engineering Book 365)** by Lourdes Peñalver (1st ed. 2021 Edition, Kindle Edition)

★★★★☆ 4.4 out of 5

Language : English

File size	: 44040 KB
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Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 354 pages
Paperback	: 110 pages
Item Weight	: 7.8 ounces
Dimensions	: 6 x 0.28 x 9 inches



The conference provides an avenue for participants to exchange ideas, share their research findings, and explore the latest advancements in Industrial IoT technologies and applications. From smart factories to intelligent transportation systems, the conference covers a wide array of topics, including IoT platforms, data analytics, security, and standardization.

## **Going Virtual: Adapting to the New Norm**

Due to the global pandemic, this year's conference will be held virtually, ensuring the safety and well-being of all participants. While the format has changed, the event promises to deliver the same level of engagement and interaction as its physical counterparts.

Through virtual presentations, panel discussions, and workshops, participants will have the opportunity to learn from industry experts and thought leaders. The conference platform will also facilitate networking sessions, allowing attendees to connect with peers and establish collaborations that can drive future innovations.

## **Keynote Speakers and Industry Experts**

The conference boasts an impressive lineup of keynote speakers and industry experts who will share their insights and knowledge. These thought leaders are

renowned in their respective fields and have made significant contributions to the advancement of Industrial IoT.

This year, the event will feature keynote speeches from Dr. Mark G. Allen, a professor at the Georgia Institute of Technology, known for his research in microelectromechanical systems (MEMS) and sensor technology, and Dr. Helen Sun, Chief Technology Officer of Stats Perform, a global leader in sports AI and data provision.

In addition to the keynote presentations, the conference will host several technical sessions, where researchers and practitioners can showcase their work. This provides a platform for emerging talent to gain recognition and validation for their contributions to the field.

## **Unveiling New Research and Innovations**

The Industrial IoT Conference is a hub of groundbreaking research and innovations in the field. Participants can expect to be exposed to cutting-edge technologies and methodologies that are reshaping the landscape of industries.

One of the key highlights of the conference is the demonstration sessions, where researchers and companies demonstrate their prototypes and solutions. This hands-on experience allows participants to witness these innovations firsthand and gain insights into their real-world applications.

## **Exploring Challenges and Opportunities in Industrial IoT**

The Industrial IoT landscape is not without its challenges. The conference provides a platform for experts to discuss the hurdles and roadblocks faced by the industry and to brainstorm potential solutions. From data privacy and security

concerns to interoperability issues, the conference tackles the most pressing topics, ensuring a comprehensive understanding of the field.

Moreover, the event also offers workshops and tutorials, catering to both newcomers and seasoned professionals. These sessions provide an opportunity to delve deeper into specific aspects of Industrial IoT, explore hands-on exercises, and gain practical knowledge from industry veterans.

## **The Roadmap to a Connected Future**

The 4th EAI International Conference on Industrial IoT 2020 sets the stage for a vibrant discussion on the future of connectivity. As the world becomes increasingly interconnected, Industrial IoT plays a crucial role in shaping industries and transforming them into smarter and more efficient entities.

With a diverse audience comprising researchers, industry professionals, and thought leaders, the conference promises to facilitate meaningful conversations and collaborations that can drive innovation in the field of Industrial IoT.

As we bid farewell to a year marked by unprecedented challenges, the conference serves as a reminder of the resilience and ingenuity of the human spirit. With technology as the catalyst, the Industrial IoT Conference propels us towards a connected future, where possibilities are limitless and industries are reimagined.

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This book constitutes the thoroughly refereed post-conference proceedings of the 4<sup>th</sup> International Conference on Industrial IoT Technologies and Applications, IoT 2020, held in December 2020. Due to Covid-19 pandemic the conference was held virtually.

The widespread deployment of wireless sensor networks, clouds, industrial robot, embedded computing and inexpensive sensors has facilitated industrial Internet of Things (IndustrialIoT) technologies and fostered some emerging applications. The 14 carefully reviewed papers are a selection from 28 submissions and detail topics in the context of IoT for a smarter industry.



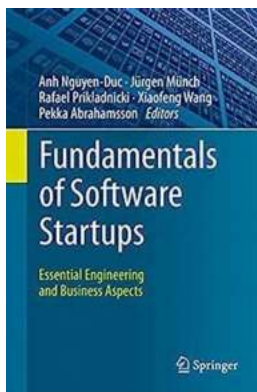
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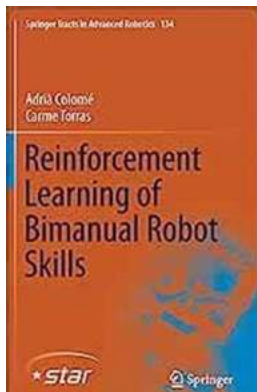
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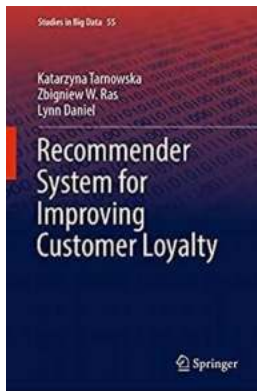
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