



Industry 4.0 in Business: The Use of Digital Technologies and Practical Implications

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Deadline for manuscript
submissions:
closed (15 January 2024)

Message from the Guest Editors

Industry 4.0 is changing production systems, businesses, and value chains. Beyond contributing to process efficiency, the digital technologies enable new ways of providing goods, services, and solutions to the customer, resulting in new revenue sources and forms of competition and collaboration. As new business models with a range of value propositions establish, business ecosystems bloom to enable value creation and raise questions about value capture for different actors. There are plenty of studies exploring Industry 4.0 technical issues and theoretical discussions about business. However, approaches focusing on practical business implications of digitalization are comparatively scarce. Despite some relevant contributions, the stream still lacks more cases which investigate the use of digital technologies in enterprises and its results. These themes are central to strategy and sustainability.

This special issue aims to gather excellent research about applying Industry 4.0 technologies, such as blockchain, the internet of things and big data analytics, to businesses. The call welcomes studies from various disciplines and fields.





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