

Special Issue

Leveraging Digital Transformation for Enhanced Occupational Health and Safety in Manufacturing

Message from the Guest Editors

The integration of digital technologies is revolutionizing the field of occupational health and safety. This Special Issue explores the industrial impact of enabling technologies such as virtual reality, augmented reality, and generative artificial intelligence, focusing on occupational health and safety (OHS). Topics of interest include but are not limited to the following: Innovative uses of immersive technologies for safety training, demonstrating impacts on workers' skills and capabilities; Development and application of AI models for the analysis of safety incident narratives and protocols to identify trends and preventive measures; Comparative analyses of industrial safety performance before and after the adoption of technologies, highlighting their effectiveness and potential improvement. If you have any questions, including but not limited to publication fees, possible discounts, and submission guide, please do not hesitate to contact us or one of our in-house editors [Amy An, amy.an@mdpi.com]. Thank you for considering our invitation. We hope to hear from you.

Guest Editors

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Dr. Silvia Colabianchi

Dr. Margherita Bernabei

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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