

## Special Issue

# Extended Reality Applications in Industrial Systems

### Message from the Guest Editor

With the rapid growth of information technology, extended reality (XR) is gaining a growing amount of attention due to its innovative visualization and human–computer interaction techniques. XR is an umbrella term which refers to different reality technologies, e.g., virtual reality (VR), augmented reality (AR) and mixed reality (MR). XR technologies have the capacity to be employed in different types of domains by facilitating immersion, presence, and interaction to enhance users' perception and systems' performance. The focus of the Special Issue is on the innovative applications of XR in various industrial systems, including, but not limited to, manufacturing, robotics, energy management, process control, job training, factory monitor, digital twins, and cyber–physical systems. Any research that shows quantitative performance validation of XR in industrial systems will be particularly welcome. Comprehensive reviews and survey papers are also welcome.

### Guest Editor

Prof. Dr. Shana Smith

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### Deadline for manuscript submissions

closed (20 February 2024)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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