Special Issue

Human–Robot Deep Learning and Interaction on Edge AI

Message from the Guest Editor

In recent years, the integration of edge AI in human–robot interactions and deep learning has emerged as a transformative approach, offering real-time processing and decision-making capabilities at the edge of networks. This Special Issue on “Human–Robot Deep Learning and Interaction on Edge AI” aims to explore cutting-edge research and innovations that harness the power of edge AI to enhance human–robot collaboration, autonomy, and efficiency. Topics of interest include, but are not limited to, advanced deep learning algorithms, edge AI architectures, and practical applications in various fields such as healthcare, manufacturing, and service industries. We welcome original research papers, comprehensive reviews, and insightful case studies that contribute to the understanding and development of this rapidly evolving domain.

Guest Editor

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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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