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Pushing Boundaries: Innovations in Robotics, Artificial Intelligence, and Extended Reality

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Message from the Guest Editors

The aim of this Special Issue is to provide a comprehensive overview of this expansive field of research, appealing to a diverse audience in robotics, artificial intelligence, control systems, extended reality, data analytics, and societal, industrial, and educational domains. Hence, we welcome submissions exploring various topics, including but not limited to the following:

- Artificial Intelligence;
- Robotic Systems in Stochastic Production Environments;
- Human–Robot Interaction;
- Real-time (or near) Execution of Digital Twins;
- Collaborative Robotic Systems Implementation;
- Integration of Simulation with Virtual, Mixed, and Augmented Reality Applications;
- Real-time Virtual, Mixed, and Augmented Reality in Industrial Manufacturing;
- Artificial Intelligence for Decision Support in Production and Logistics;
- Verification and Validation of Digital Twins;
- Robot Feedback Control;
- Metaverses

Welcome your contributions.



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Special Issue



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Message from the Editor-in-Chief

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