

Special issue on

Advanced Technologies in Robotic Simulation

Researchers, engineers and practitioners are developing and taking advantage of various automation technologies to increase productivity, shorten cycle time, enhance safety and reduce costs. As an efficient tool for the complex world of robotics, robotic simulation is widely utilized in numerous industries for validation and optimization prior to building physical systems. This special issue focuses on advanced simulation technologies in robotics. Articles of original research, case studies and reviews of current development are welcome. The topics of this special issue include but are not limited to the following:

- Robot simulation and modeling
- Robot operations and control
- Robot planning, adaptation and learning
- Robot programming, sensing and vision
- AI in robotics
- Multi robot systems
- Autonomous robots
- CAD-based robotics
- Novel robotic mechanisms

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