

Special Issue

Recent Progress in Robotic Machining

Message from the Guest Editors

For this Special Issue, we are looking for recent findings focusing on robotic machining technologies, encompassing their applications and related research fields. Papers are expected to highlight capability enhancement in solving problems in robotic machining technology related to 3D measurement, multi-robot collaborative systems, artificial intelligence, and feedback control technology in complex component processing and manufacturing with robots. We are interested in contributions that focus on topics related to recent progress in robotic machining, such as:

- Robotics, mechatronics, and manufacturing automation with multimodal information, e.g., 3D measurement, vibration measurement, processing force measurement, etc.
- Computer-integrated manufacturing related to robotic drilling, milling, and grinding in large-size components.
- Application of automatic 3D measurement technology with robots.
- Application of multi-robot cooperative system in high-precision machining of large-size components, e.g., dual or multi-robot control strategies.
- Optimization method of robotic machining.
- Compensation technology for the robotic machining system.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (JMMP) (ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP*.

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