

## Special Issue

# Haptic-Robotic Systems in Industrial Design, Manufacturing, Assembly, Simulation, and Training

### Message from the Guest Editors

Haptic-robotic systems are at the forefront of transforming industrial practices by integrating force and tactile feedback with robotic capabilities. This Special Issue (SI) aims to explore the latest advancements, methodologies, and case studies in this dynamic field. Topics include, but are not limited to:

- The development of haptic interfaces for enhancing industrial design processes;
- Real-time haptic feedback mechanisms for manufacturing processes and quality control;
- Adoption of haptic-robotic systems in simulation environments for training skills in various industries;
- Analyzing the impact of haptic feedback on ergonomics and operator training;
- Real-world successful implementations of haptic-robotic systems across different industrial sectors;
- Performance evaluation metrics for haptic-robotic systems in design, manufacturing, assembly, and training.

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### Guest Editors

Prof. Dr. António Lopes

Dr. Adriano A. Santos

Dr. Filipe Pereira

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### Deadline for manuscript submissions

31 August 2026



## Journal of Manufacturing and Materials Processing

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CiteScore 5.2



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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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### Editor-in-Chief

Prof. Dr. Steven Y. Liang

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