Special Issue

Advances in Precision Machining Processes

Message from the Guest Editors

Precision machining is required for producing high-quality components with tight tolerances, but it can be technically challenging for complex structures, non-conventional materials, and large volume production. Advances in different aspects, such as machine tools, metrology, and control, are keys to the next generation of precision machining technology. In this Special Issue of *JMMP*, we are looking for new findings, concepts, or tools that can potentially advance state-of-the-art precision machining technologies. The topics of interest include but are not limited to the following:

- Precision machining processes, such as micro/nano machining, machining of difficult-to-machine or non-traditional materials, and development of novel machining methods;
- Novel measurement techniques, such as in situ/on-machine metrology and non-destructive inspection;
- Data-driven processes, such as feedback and control algorithms, machining diagnostics and prognostics, and model-based machining strategies.

Guest Editors

Prof. Dr. Bruce L. Tai

Department of Mechanical Engineering, Texas A&M University, 3123 TAMU, College Station, TX 77843, USA

Prof. Dr. ChaBum Lee

Department of Mechanical Engineering, Texas A&M University, 3123 TAMU, College Station, TX 77843, USA

Deadline for manuscript submissions

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Journal of Manufacturing and Materials Processing
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmmp@mdpi.com

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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.*

Editor-in-Chief

Prof. Dr. Steven Y. Liang
George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology, Atlanta, GA 30332-0405, USA

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