Special Issue

Precision Manufacturing

Message from the Guest Editors

Precision and ultra-precision parts are key elements in most industrially-manufactured mechanical engineering products, e.g., in automotive, power generation or optical industries. The manufacturing of these parts needs to comply with economical, ecological, and, in particular, high quality demands. The latter includes dimensional and shape accuracy, as well as surface topography and surface integrity with regard to the material to be processed. In this Special Issue of *JMMP*, current research findings are going to be reported, which focus on individual or subsequent manufacturing processes or steps throughout the manufacturing sequence. The range of considered processes covers cutting and abrasive rough and fine machining, as well as additive and hybrid (additive combined with subtractive) processes focusing on metals, as well as hard and brittle materials. Papers will be considered that show significant improvements with clear regard to quality aspects (precision, surface, surface integrity) achieved by the above mentioned processes and process combinations.

Guest Editors

Prof. Dr. Carsten Heinzel

Leibniz-Institute for Materials Engineering and MAPEX Center for Materials and Processes, University of Bremen, Badgasteiner Str. 3, 28359 Bremen, Germany

Prof. Dr. René Mayer

Mechanical Engineering Department, Polytechnique Montréal, Station Downtown, P.O. Box 6079, Montréal, QC H3C 3A7, Canada

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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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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.*

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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