



Advanced Processes and Technologies in Precision and Ultra-Precision Machining

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Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

Ultra-precision machining is one of the important symbols of the level of advanced manufacturing technology. It has been recognized as a technology that requires sustainable development and determines the competitiveness in the future. Ultra-precision machining depends not only on ultra-precision machine tools, machining tools and process methods, but also on the corresponding ultra-precision measurement, machining environment and machine tool state control technology. In order to meet the increasing processing demand, ultra-precision machining is continuing to explore new principles, methods and applications to materials. This leads to the development of higher precision and efficiency, integrating machining, testing, and multi-functional modularization. Ultra-precision machining equipment and technology are the comprehensive applications of new technological achievements in many disciplines, but they also promote the development of many novel high-level technologies. This Special Issue aims to provide a collection of the latest research and findings in recent advances in ultra-precision machining technology and its applications.





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Message from the Editor-in-Chief

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There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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