



Precision Manufacturing

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Message from the Guest Editors

Dear Colleagues,

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.

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Message from the Editor-in-Chief

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