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Ultra-Precision Manufacturing

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Message from the Guest Editors

Dear Colleagues,

Ultra-precision manufacturing provides essential means for manufacturing products with regard to the demand for the continuous improvement of product quality and performance in aerospace, biomedicine, advanced optics, photonics, telecommunication, etc. The development of ultra-precision manufacturing methods, machine tools, and measurement instruments is extremely crucial. It is especially useful in achieving high-precision and high-efficiency manufacturing with new structures and materials. On specific product surfaces, it needs to achieve nanoscale and structural manufacturing.

Accordingly, this Special Issue seeks to showcase regular research papers, reviews, and communications that focus on the frontiers of ultra-precision manufacturing. It will serve as a platform for the communication of the latest developments and innovations in machining mechanisms, machine tools, measurement instruments, and ultra-precision assembling.



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Special Issue



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Message from the Editor-in-Chief

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