

Special Issue

Advances in Digital Manufacturing and Nano Fabrication

Message from the Guest Editors

Digital manufacturing and nano fabrication are reshaping the landscape of modern engineering, driving transformative innovations across industries. At the heart of these advancements lies precision manufacturing, a critical enabler of ultra-fine tolerances, superior surface finishes, and high-performance component production. The topics covered in this Special Issue include, but are not limited to, advancements in digital twin-driven manufacturing systems, the integration of artificial intelligence and machine learning in machining processes, novel additive and subtractive manufacturing techniques, and the development of advanced materials and tooling for nano fabrication. We encourage the submission of high-quality original research articles, comprehensive reviews, and impactful case studies that advance the state of the art in digital manufacturing and precision machining.

Guest Editors

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Prof. Dr. Jianguo Zhang

Dr. Qi Liu

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Message from the Editor-in-Chief

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Editor-in-Chief

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