



## Micro-Machining: Challenges and Opportunities

Guest Editors:

### Prof. Dr. Xichun Luo

Centre for Precision  
Manufacturing, Department of  
Design, Manufacturing and  
Engineering Management,  
University of Strathclyde,  
Glasgow G1 1XJ, UK

### Dr. Wenlong Chang

Centre for Precision  
Manufacturing, Department of  
Design, Manufacturing and  
Engineering Management,  
University of Strathclyde,  
Glasgow, UK

### Prof. Dr. Jining Sun

Key Laboratory for Micro/Nano  
Technology and System of  
Liaoning Province, Dalian  
University of Technology, Dalian,  
China

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### Message from the Guest Editors

Dear Colleagues,

Nowadays, micromachining technologies are clearly advancing towards the economical manufacturing of customized high-precision 3D micro-products made of a variety of materials, including difficult-to-machine materials, such as glass, sappier, ceramics, hard steels, and CoCr. They propose significant research challenges from the aspects of fundamental machining mechanisms, micro-tooling technologies, machine dynamics, machining dynamics, thermal control, etc., but, meanwhile, provide great opportunities to research and develop new advanced micromachining technologies, such as multi-scale modelling, hybrid micromachining, and dynamic error compensation to name a few.

Therefore, we invite contributions to showcase recent novel technological advances in micromachining technologies. Papers in all areas of micromachining technologies will be considered; including, but not limited to, micro-cutting, micro-milling, micro-grinding, polishing, micro-EDM, micro-ECM, laser micromachining, FIB micromachining, and hybrid micromachining.

Prof. Xichun Luo  
Dr. Wenlong Chang  
Dr. Jining Sun  
*Guest Editors*



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## Editor-in-Chief

### Prof. Dr. Ai-Qun Liu

1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China  
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

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*Micromachines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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