

## Special Issue

# Recent Advances in Precision Manufacturing Technology

### Message from the Guest Editors

This Special Issue aims to present recent advances in precision manufacturing technology, which cover a broad scope, involving theoretical studies, manufacturing processes, and equipment development. In addition, we welcome research works about multidisciplinary manufacturing technologies, such as high-energy beam (laser, e-beam, and ion beam) processes and hybrid (additive combined with subtractive) manufacturing technology. We are interested in articles that focus on topics including, but not limited to, the following:

- Precision manufacturing technology for aerospace equipment.
- Precision manufacturing technology for construction machinery.
- Lightweight and intelligent manufacturing technology for vehicles and transport equipment.
- Precision manufacturing processes for nonferrous metal, high-performance polymer, and metal matrix composites.
- Extreme manufacturing, micro/nano-manufacturing, and additive manufacturing technology.

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### Guest Editors

Prof. Dr. Chenglei Fan

Dr. Yunqiang Zhao

Prof. Dr. Li Zhou

Prof. Dr. Hong Wu

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### Deadline for manuscript submissions

20 October 2025



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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