



## Ceramic Additive Manufacturing

Guest Editor:

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Deadline for manuscript  
submissions:

**10 June 2025**

### Message from the Guest Editor

Dear Colleagues,

Ceramic additive manufacturing (AM) has emerged as a transformative technology, offering unparalleled opportunities for design freedom, material customization, and functional complexity. This Special Issue aims to explore the latest developments, challenges, and applications in ceramic AM, focusing on bridging the gap between innovation and industry adoption.

This Special Issue invites contributions covering a wide range of topics, including, but not limited to, the following:

- Novel ceramic materials for AM, including oxides, nitrides, carbides, and composites, with tailored properties for specific applications.
- Advanced ceramic AM processes, such as binder jetting, powder bed fusion, stereolithography, and material extrusion, highlighting process optimization, scalability, and repeatability.
- Innovative design strategies and software tools.
- Post-processing techniques for improving components.
- Advanced characterization methodologies and applications in different sectors.
- Environmental and sustainability considerations in ceramic AM, including material recycling, waste reduction, and energy efficiency.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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