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State-of-the-Art in Additive Manufacturing

Guest Editor:

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Deadline for manuscript submissions:

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Message from the Guest Editor

Dear Colleagues,

After years of evolvement, additive manufacturing has broken new ground in fabricating customized complex-structured products, thus having the potential to redefine manufacturing. Despite this fact, additive manufacturing still suffers from problems stemming from coarse resolution, anisotropic material property, limited material selection, etc. To reduce these issues, attempts have been made for a solution by integrating different additive manufacturing technologies with magnetic, electric, and acoustic fields.

For now, field-assisted additive manufacturing is still at an infant stage. This Special Issue will focus on efforts made on technological advances in field-assisted additive manufacturing from perspectives of materials, methodologies, and extension of applications. Topics can include but are not limited to:

- Magnetic field-assisted additive manufacturing;
- Electric field-assisted additive manufacturing;
- Acoustic field-assisted additive manufacturing;
- Material development in field-assisted additive manufacturing;
- Methodology advancement in field-assisted additive manufacturing;
- Extension of applications of field-assisted additive manufacturing.













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Message from the Editor-in-Chief

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