# Special Issue

# Advances in Metal-Based Additive Manufacturing

### Message from the Guest Editor

Major advances are now being made in the development of 2D/3D/4D additive manufacturing (AM) material technologies for metals, alloys, polymers and composites. These relate, among others, to the application and further development of state-of-the-art AM techniques: cold spraying, binder jetting, object printing, aerosol jet printing, robocasting, etc., through solid-state feedstock deposition, particle laser melting and paste/suspension jetting onto the substrate. The aim of this Special Issue of *Materials* journal is to advance scientific knowledge through the dissemination of original research results in metal-based additive manufacturing technologies. In particular, the focus areas include:

- Nanostructured material design;
- Powder manufacturing;
- 2D/3D/4D time-lapsed component building;
- Additive manufacturing;
- Proof-of-Concept or field applications.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2021)

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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.

## Editor-in-Chief

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