Special Issue

Recent Progress in Metal Additive Manufacturing

Message from the Guest Editors

Additive manufacturing (AM) of metal parts with no geometric limitations has enabled new product design possibilities and opportunities, improved product performance, reduced part weight, quick response in part production, increased heat transfer performance, multi-materials in one part, etc. This Special Issue is devoted to publishing original research and high-quality review articles relevant to recent advances in metal additive manufacturing. Potential topics for this Special Issue will include, but are not limited to, the following:

- Sinter-based additive manufacturing technologies;
- Binder jetting additive manufacturing of various metals;
- Emerging/Multi-material metal AM technologies;
- High speed additive manufacturing technologies;
- Surface treatment and coatings for additively manufactured parts;
- Tribological behaviors and corrosion behaviors of additively manufactured metallic parts;
- Cold spray and solid-state additive manufacturing;
- Additive manufacturing of titanium, copper, magnesium and their alloys;
- Additive manufacturing in aerospace.

Guest Editors

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.
Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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