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Industrial Additive Manufacturing Process Planning: Process Evaluation, Metrology, and Post-Processing Techniques

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2020)

Message from the Guest Editor

Dear Colleagues,

Additive manufacturing processes have been studied from different fields, including powder metallurgy, surface engineering, thermal engineering, and other areas of scientific research. The aim of this Special Issue is to present the latest research and development in the field of industrial additive manufacturing process planning, and including all the taxonomy of processing technologies like powder bed fusion, direct energy deposition, binder jetting, ultrasonic additive manufacturing, and friction stir processing, among others.

We are most interested in high-quality papers which explore the evaluation of different process parameters and the use of post-processing technologies like surface treatments, hot isostatic pressing and advanced heat treatments for the improvement of mechanical performance and corrosion resistance. Furthermore, we encourage the submission of papers dedicated to the exploration of different metrology techniques like x-ray computed tomography and confocal microscopy in the dimensional and surface quality assessment of additively manufactured parts.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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