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## Recent Progress in the Development, Material Properties, and Post-Processing of Additively Manufactured Components

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### Message from the Guest Editors

Additive manufacturing (AM) includes a set of processes in which a complex component can be produced in a layer-wise fashion using the heating provided by a laser or electron source. AM is a rapidly growing manufacturing capability. This technology is expected to revolutionize the fabrication of complex-shaped parts, in particular for application fields, where complex geometries, highly customized parts, small part production numbers and/or lead-time saving, play a decisive role. Nonetheless, despite all the remarkable efforts, there are significant challenges that are limiting the wider uptake and exploitation of AM, spanning across the entire AM supply chain. These include a lack of AM design and modelling skills and software, a gap in understanding in properties obtained from different machines and technologies, and their effect on part failure. Moreover, [...] This Special Issue is dedicated to disseminate these recent scientific efforts. For this Special Issue in *Materials*, it is our pleasure to invite you to submit reviews and articles in the areas of material supply, part design, process modelling, process technology, post-processing techniques, and applications of AM.



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# Special Issue



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## Message from the Editor-in-Chief

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