Special Issue

Design of New Metallic Alloys for AM

Message from the Guest Editor

Additive manufacturing (AM) is a key technology enabling the development of future manufacturing systems. In recent years, there has been an increase in interest regarding the use of additive manufacturing (AM) technologies in different industrial applications. The development of AM manufacturing technology goes hand in hand with the development of novel high-performance metallic materials specially designed for AM. In this respect, theoretical predictions and experimental investigations of novel AM materials are of highest interest for the development of high-performance AM components. The Special Issue "Design of New Metallic Alloys for AM" aims to share existing theoretical and experimental knowledge concerning the development and properties of novel metallic materials designed for additive manufacturing. The Special Issue invites submission of short communications, full-length articles and reviews dedicated to the development of novel commercial and experimental ferrous and nonferrous metallic alloys, intermetallic alloys, high-entropy alloys, and metal matrix composites. All AM methods suitable for metallic materials will be taken into consideration

Guest Editor

Prof. Dr. Pavel Krakhmalev
Department of Engineering and Physics, Karlstad University, SE-651 88 Karlstad, Sweden

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Alloys
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
alloys@mdpi.com

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Prof. Dr. Nikki Stanford
Future Industries Institute, University of South Australia, Building MM, Mawson Lakes Campus, Mawson Lakes, SA 5095, Australia

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