Special Issue

Metal Spraying Technology

Message from the Guest Editor

Metal spraying technologies have been developed as bulk protective barriers against corrosive, abrasive, mechanical and thermal attacks. In the recent past, many advances have been presented in the literature on the development of metal spraying technologies, especially in the field of thermal spray coatings. Their importance is constantly increasing because coatings allow to combine the stiffness and strength structural demands with the unique surfaces properties such as corrosion and wear resistance, electrical and thermal isolation, catalytic functions, decorative effect, etc. In addition, many of these technologies have been devoted to components repair becoming an important field in Additive manufacturing applications. This Special Issue is devoted to present a discussion forum on the last research findings in the broad field of metallization and thermal spray applications. I look forward to receive your contribution to this project.

Guest Editor

Prof. Dr. Pasquale Cavaliere

Department of Innovation Engineering, University of Salento, Via per Arnesano 73100 Lecce, Italy

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

mdpi.com/journal/metals

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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editors-in-Chief

Prof. Dr. Hugo F. Lopez
Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

Prof. Dr. Yong Zhang
Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

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