

Special Issue

Preparation, Properties and Characterization of Metals Foam

Message from the Guest Editor

It is our pleasure to invite you to submit a manuscript (full paper, communication, or review paper) to the present Special Issue of *Crystals*, "Preparation, Properties and Characterization of Metal Foams". Modern-day research in engineering and material science is focused on developing new composite and hybrid materials for the purpose of producing structural elements of lower density and equal or even higher performances. Metallic cellular materials, namely metal foams, constitute a promising family of materials for structural elements in many sectors, due to the unusual combination of properties that they offer, such as high strength to weight ratio, high energy absorption capacity, large specific surface, high gas and liquid permeability, and low thermal conductivity. This Special Issue represents a good opportunity for researchers to disseminate different aspects of their work related to the preparation, properties, and characterization of metallic foams.

Guest Editor

Prof. Dr. Dimitrios Manolakos

School of Mechanical Engineering, National Technical University of Athens, 157-73 Athens, Greece

Deadline for manuscript submissions

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

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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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