

Special Issue

Advanced Materials and Technologies for Thermal Sprayed Coatings

Message from the Guest Editors

In this Special Issue, we aim to publish scientific contributions on thermal spraying deposition methods addressing such aspects as feedstock manufacturing, coating deposition, post-treatment of sprayed coatings, microstructure characterization, and evaluation of properties. We encourage the submission of research such that we can, through publication, disseminate original and innovative findings in the field of surface engineering related to thermal spraying methods covering the following topics:

- Advanced materials manufacturing as feedstock for thermal spraying;
- New and modern thermal spraying processes;
- Problems associated with thermal sprayed coatings;
- Thermal spraying process simulation;
- Characterization and evaluation of thermal spraying properties.

Scientific papers, engineering articles, communications, and reviews are all welcome for submission and potential publication in this Special Issue “Advanced Materials and Technologies for Thermal Sprayed Coatings”.

Guest Editors

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Dr. Gabriela Mărginean

Deadline for manuscript submissions

closed (20 November 2024)



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About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

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