



## Research Progress in Ceramic Coatings

Guest Editors:

**Dr. Kamalan Kirubakaran**  
**Amirtharaj Mosas**

Department of Coating  
Processes, Centre for Functional  
and Surface Functionalized  
Glass, Alexander Dubček  
University of Trenčín, Študentská  
2, 911 50 Trenčín, Slovakia

**Dr. Doni Daniel**

Department of Aerospace and  
Aircraft Engineering,  
Roehampton Vale Campus,  
Kingston University, Friars  
Avenue, London SW15 3DW, UK

Deadline for manuscript  
submissions:

**21 June 2024**

### Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue, entitled “Research Progress in Ceramic Coatings”, is to present state-of-the-art advancements in ceramic coatings for various industrial applications. Thus, we welcome papers on innovative advancements in functional ceramic coatings, including self-repairing, bioactive, and superhydrophobic coatings. These coatings have potential applications in various industries, such as the biomedical, automotive, aerospace, and energy sectors. Papers that address the optimization, characterization and evaluation of the comprehensive properties of advanced ceramic coatings deposited using various coating techniques including PVD, CVD, sol-gel, as well as thermal spray methods are welcome in this Special Issue.

We also welcome papers related to the challenges and future perspectives of advanced ceramic coatings, and those enhancing their performance and exploring new applications.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Gilbert Fantozzi**

INSA-Lyon, MATEIS Laboratory  
UMR CNRS 5510, 69621  
Villeurbanne, France

## Message from the Editor-in-Chief

*Ceramics* (ISSN 2571-6131), an international, open access journal, provides an advanced forum for ceramics science and engineering. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We are committed to drive *Ceramics* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts. Your contribution should lead to the development of technical ceramics with better performances and to improve our quality of life.

## Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**High Visibility:** indexed within **Scopus**, **ESCI (Web of Science)**, and **other databases**.

**Journal Rank:** CiteScore - Q2 (*Materials Science (miscellaneous)*)

## Contact Us

---

*Ceramics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/ceramics](http://mdpi.com/journal/ceramics)  
[ceramics@mdpi.com](mailto:ceramics@mdpi.com)