



## Advanced Processing Technologies of Innovative Materials

Guest Editors:

**Prof. Dr. Sergey N. Grigoriev**

Department of High-Efficiency  
Processing Technology, Moscow  
State University of Technology,  
127055 Moscow, Russia

**Dr. Marina Volosova**

Department of High-Efficiency  
Machining Technologies,  
Moscow State University of  
Technology “Stankin”, Vadkovsky  
Lane 3a, 127055 Moscow, Russia

**Dr. Anna A. Okunkova**

Department of High-Efficiency  
Processing Technologies,  
Moscow State University of  
Technology Stankin, Vadkovskiy  
per. 1, 127994 Moscow, Russia

Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Analysis of the modern production market and industry shows that up to 60% can be products produced by additive manufacturing in the production of the responsible metallic parts. Simultaneously, the technology develops, and plenty of authors present their ideas on improving its surface quality, productivity, solutions for jerk problems, improving the parts' exploitation properties, and introducing a new class of materials to be produced by additive manufacturing and new approaches.

The Special Issue is devoted to the growing importance of additive manufacturing for productions from metallic, ceramic, and composite materials. Original research and review articles devoted to the latest achievements in additive manufacturing are welcome for publication. The submission can be devoted to researching the actual science-intensive problem of additive manufacturing or the mathematical support and physical explanation for the observed phenomena in the working zone.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Manoj Gupta

Department of Mechanical  
Engineering, National University  
of Singapore, Singapore 117576,  
Singapore

## Message from the Editor-in-Chief

*Technologies*, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

## Author Benefits

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

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

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (Computer Science (miscellaneous))

## Contact Us

---

*Technologies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/technologies](http://mdpi.com/journal/technologies)  
[technologies@mdpi.com](mailto:technologies@mdpi.com)  
[X@Technologies\\_OA](#)