



## Cold Spraying: Recent Trends and Future Views

Guest Editor:

**Dr. Heli Koivuluoto**  
Materials Science and  
Environmental Engineering,  
Faculty of Engineering and  
Natural Sciences, Tampere  
University, 33100 Tampere,  
Finland

Deadline for manuscript  
submissions:  
**closed (31 October 2019)**

### Message from the Guest Editor

Cold spraying is an emerging coating technology, and its development has been very active during the last decades. A larger selection of processes and materials is available, and better technical and functional properties can be achieved with this coating technology. Also, it is raising interest in new application fields, such as additive manufacturing and the medical sector. Improved coating performances, easy manufacturing, understanding of the coating properties and processing factors, as well as assistance processing are some of the main key factors in cold spraying development.

In the Special Issue, we would like to hear about the latest developments and achievements in the field of cold spraying. Thus, we cordially invite scientists and academics all over the world to submit original research papers and review articles on cold spraying, its latest developments, applications, as well as coating properties and performance.





## Editors-in-Chief

### Prof. Dr. Wei Pan

State Key Laboratory of New  
Ceramics and Fine Processing,  
School of Materials Science &  
Engineering, Tsinghua University,  
Beijing 100084, China

### Dr. Emerson Coy

NanoBioMedical Centre, Adam  
Mickiewicz University in Poznań,  
ul. Wszechnicy Piastowskiej 3, 61-  
614 Poznań, Poland

## Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Surfaces, Coatings and Films)

## Contact Us

---

Coatings Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/coatings  
coatings@mdpi.com  
X@Coatings\_MDPI