

Special Issue

Refractory High Entropy Coatings, Design, Properties and Potential Applications

Message from the Guest Editor

We are pleased to invite you to submit your work to the Special Issue on “Refractory High Entropy Coatings, Design, Properties and Potential Applications”. This Special Issue aims to present theoretical and experimental articles describing recent advances on the synthesis of refractory high entropy coatings, the study of their properties as well as their potential applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not limited to, the following:

- Production and characterization;
- Surface characterization;
- High temperature oxidation;
- Thermal stability;
- Mechanical and tribological coatings;
- Corrosion;
- Nuclear;
- Industrial applications.

We look forward to receiving your contributions.

Guest Editor

Dr. Mohamed El Garah

UR LASMIS - Antenne de Nogent, Pôle technologique de Sud Champagne, Université de Technologie de Troyes - UTT, 26 rue Lavoisier - Bât. B, 52800 Nogent, France

Deadline for manuscript submissions

closed (30 September 2022)



Coatings

an Open Access Journal
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Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/95299

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

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About the Journal

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.

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

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