

## New Generation Coatings for Metals

Guest Editors:

**Dr. Anthony Hughes**

Institute of Frontier Materials,  
Deakin University, Geelong  
Waurin Ponds Campus, Waurin  
Ponds, Geelong, VIC 3216,  
Australia

**Prof. Dr. Russel Varley**

Institute for Frontier Materials,  
Geelong Waurin Ponds Campus,  
Deakin University, Geelong VIC  
3220, Australia

Deadline for manuscript  
submissions:

**closed (30 June 2018)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on the emerging challenges for coatings of metals. This topic is broad reaching with applications extending from deep sea environments to space applications. From a materials science perspective, new generation coatings represent a range of coating types and substrates that need to be protected.

In particular, the topic of interest includes but is not limited to

- Responsive or self-healing coatings
- Coatings for extreme environments
- Improvements to barrier properties of current technologies
- Coatings with improved functionality
- Coatings with smaller environmental footprints

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*Guest Editors*



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# Special Issue

## 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 called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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

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

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