

## Electrodeposition, Characterization and Application of Metal and Alloy Films

Guest Editors:

**Prof. Dr. Massimo Innocenti**

Department of Chemistry,  
Università di Firenze, Via della  
Lastruccia 3-13, 50019 Sesto  
Fiorentino, Firenze, Italy

**Dr. Walter Giurlani**

Department of Chemistry “Ugo  
Schiff”, University of Florence 3,  
50019 Sesto Fiorentino, Italy

Deadline for manuscript  
submissions:

**closed (15 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

For the Special Issue, the topics of particular interest include, but are not limited to:

- Electrodeposition and characterization of films or film sequences which do not contain hazard components or their release;
- Electroplating and characterization of thin films of precious metals (Au, Pt, Pd, Rh, etc.) with high performance;
- Study of green additives and ligands aimed at optimizing the deposition of metal coatings;
- Theoretical studies and computational modeling for optimization of the homogeneity of metallic film characteristics;
- Characterization of the properties of metal coatings for their application such as in corrosion resistance, durability, and other technical properties.



## 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.

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

Tel: +41 61 683 77 34  
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