

## Special Issue

# Fabrication, Characterization, and Application of Coatings and Thin Films

### Message from the Guest Editor

Coatings and thin films improve and fine-tune the properties of material surfaces. Moreover, materials deposited in the geometry of a thin film or a designed coating offer different functionalities in comparison to bulk materials. Today's equipment and technologies for m-structuring and patterning provide sophisticated tools for further perfection of the surface. The art of coating and thin film technologies starts before their deposition by placing proper emphasis on the processing of precursors and particles for adjusted monolayered films or hybrid coatings. Sometimes, the fixation of nanomaterials in coatings or at surfaces is not only the cherry on the cake but also enables specific features. Last but not least, signals from the coating or thin film enable smart interactions and coating communication with or coating reaction on the environment. This Special Issue aims to address the latest trends in surface engineering and coatings technology. Our aim is to combine results from experts in different fields, to stimulate interest in the trends and successes from one special field and application to another.

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### Guest Editor

Prof. Dr. Annett Dorner-Reisel  
Faculty of Mechanical Engineering, University of Applied Sciences  
Schmalkalden, 98574 Schmalkalden, Germany

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### Deadline for manuscript submissions

closed (10 March 2023)



## Materials

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*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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### Message from the Editorial Board

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### Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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