



an Open Access Journal by MDPI

# Polymers as a Springboard in Material Sciences: From Insulating Protective Coatings to Conducting Smart Films

Guest Editors:

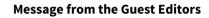
#### Dr. Mirko Magni

Department of Environmental Science and Policy, Università degli Studi di Milano, 20133 Milan, Italy

#### Dr. Serena Arnaboldi

Department of Chemistry, Università degli Studi di Milano, 20133 Milan, Italy

Deadline for manuscript submissions: closed (15 June 2021)



Dear Colleagues,

The Special Issue will explore polymeric films/coatings based on novel materials (possibly sustainable and green) and/or be employed in innovative applications (including renewable energy ones, biomedical and sensing devices). A non-exhaustive list of acceptable topics may include the following:

- Polymeric films in devices (photoelectrochemical ones, smart windows, etc.);
- Polymers as chemically active surfaces;
- Polymer films in sensors (e.g., electrochemical ones);
- Polymeric coatings for corrosion protection;
- Polymeric coatings in the food industry;
- Smart polymeric coatings;
- Polymer composite films/coatings;
- Molecularly imprinted polymer films;
- Chiral conductive polymers;
- Polymers in spintronics;
- Polymer films in bipolar electrochemistry (e.g., actuators);
- Polymers in medical and biomedical devices.

This Special Issue could be helpful for the broad chemistry community working on polymeric coatings and films.









an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Message from the Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo** Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## **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), Inspec,

CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## **Contact Us**

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/applsci applsci@mdpi.com X@Applsci