

Special Issue

Surface Science: Polymer Thin Films, Coatings and Adhesives

Message from the Guest Editor

Adhesives, paints, coatings, composites, biomaterials, sensors, and nano/micro technologies are just a few of the many applications where the characteristics of polymer surfaces and interfaces are crucial. In most cases, the molecular structures of polymers control their surface and interfacial properties, but many methods allow polymer surface modification to tune their properties at interfaces. The nature, characteristics, and way to modify and characterise a polymer surface, the molecular basis of adhesion and friction, and the structure of interfaces in polymer blends between polymers and non-polymers, as well as the characteristics of polymers at solid and liquid interfaces, are among the subjects addressed. In this Special Issue, we wish to cover the most recent advances in all the strategies and techniques that allow the modification, control, tuning, and characterisation of polymer surfaces and their properties at interfaces by hosting original research articles and short critical reviews.

Guest Editor

Prof. Dr. Maurice Brogly

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About the Journal

Message from the Editor-in-Chief

Surfaces and interfaces are ubiquitous, and their relevance in Chemistry, Physics, Catalysis, Materials Science & Engineering, Nanoscience, Biology and Nanomedicine is nowadays well acknowledged. Similarly, surfaces cannot be neglected when targeting applications in many strategic fields, such as sensors, energy conversion and storage, environmental and food science, and medical devices.

Surfaces is a new Open Access journal that will provide rapid publication of scholarly articles on studies related to surfaces and interfaces. Its mission is to publish cutting edge articles and conference proceedings and organizing special issues to highlight outstanding research on specific topics, encouraging the application of a rigorous Surface Science-based approach to many complex interesting phenomena and breaking boundaries among different disciplines.

Editor-in-Chief

Prof. Dr. Gaetano Granozzi

Department of Chemical Science, Università degli Studi di Padova,
Padua, Italy

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

Journal Rank:

CiteScore - Q2 (Materials Science (miscellaneous))