

Microencapsulation Technologies and Applications in Coatings and Films

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Deadline for manuscript
submissions:

closed (10 April 2022)

Message from the Guest Editor

We would like to invite you to submit your work to this Special Issue on “Microencapsulation Technologies and Applications in Coatings and Films”. The aim is to present recent developments, challenges, and trends in microcapsule research, technologies, and formulations for coatings and films. Original research papers and critical review articles from leading groups around the world are welcome.

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

- Innovative methods and technologies for producing microcapsules, microspheres or liposomes for applications in coatings and films;
- Novel microcapsule formulations and methods of incorporating into functional coatings and films;
- Characterization, analysis, and testing of microcapsules; release studies, evaluation of effectivity of microencapsulated active components in coatings and films;
- Value-added/smart new products based on microencapsulated components in functional coatings and films, used in (but not limited to) agriculture, chemistry, corrosion, cosmetics, food, medicine, new materials, packaging, papers, pharmacy, textiles, and wood.



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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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