

Special Issue

Nanofluidics: Interfacial Transport Phenomena

Message from the Guest Editors

This Special Issue is intended to evaluate the present state-of-the-art phenomena of nanofluidics transport. Due to nanofluidics' complicated conduct, basic and applied investigations are welcome to be carried out in nanofluidics. Papers that focus on nanofluidics transport phenomena across a wide range of interdisciplinary research and development applications are also invited. In particular, the topic of interest includes but is not limited to

- Non-Newtonian nanofluidics flow;
- Thermophysical properties;
- Magnetic nanosolid particles;
- Heat transfer in nanofluidics;
- Nanofluidics in solar collectors and solar aircraft;
- Applications of nanofluidics;
- Hybrid nanofluidics;
- Shape and size of nanosolid particle effects.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2022)



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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.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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