Special Issue

Wetting on Micro/Nano-Scale: From Fundamentals to Application

Message from the Guest Editors

Wetting refers to the study of how a liquid deposited on a solid (or liquid) substrate spreads out, with dewetting being the reverse process (the retraction of a liquid over a solid). It is a process that underpins many industries, from mineral processing to personal care and cosmetics. Although wetting phenomena are evident on the macroscopic scale (such as seeing water droplets slide off superhydrophobic plant leaves), the quantitative study of wetting is best performed with consideration of processes and characteristics on very small length scales. The goal of this Special Issue is to encourage the submission of articles on wetting and dewetting phenomena that focus on nanoscale aspects of the process (nanostructures, molecular processes, small bubbles and droplets, precursor films). Also, submissions that have a strong connection to the consequences of wetting (and dewetting) in applications that result from nano-scale variations and properties are encouraged.

Guest Editors

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Dr. Nan Gao

Prof. Dr. Victor Starov

Deadline for manuscript submissions

closed (30 September 2019)

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About the Journal

Message from the Editor-in-Chief

We would like to introduce you to an emerging and rapidly-developing international open-access journal, *Colloids and Interfaces*, covering all aspects of colloid and interface science. This journal aims to efficiently publish peer-reviewed articles over the internet free of charge to the worldwide community. Original as well as review papers are encouraged. We will also publish Special Issues as proceedings of scientific conferences and workshops as well as those dedicated to particular contemporary themes. On behalf of our distinguished editorial board, we welcome your contributions.

Editor-in-Chief

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