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Advanced Instrumentation for Materials Characterisation and Fabrication

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Deadline for manuscript submissions:

closed (20 April 2022)

Message from the Guest Editors

The intimate connection between high-performance fabrication and characterisation catalyses and accelerates the development of emerging fields, such as micro-nano-electromechanical systems, photonics, and micro/nanofluidics, just to name a few. Integrating multiple functionality in a single instrument, such as in the case of atomic force microscopes or helium ion microscopes, capable of performing, on the same platform, imaging and nano-lithography, brings a plethora of advantages for both research scientists and industry. Among these, rapid prototyping, real time monitoring, and quality assessment stand out.

In this Special Issue, we are inviting you to submit reviews and original manuscripts highlighting latest advancements in the fabrication and characterisation of new materials/devices/design under the umbrella of advanced instrumentation.













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Message from the Editor-in-Chief

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