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Nanomanufacturing: 3D Nanofabrication and Nanoimaging

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Message from the Guest Editors

Dear Colleagues,

Nanomanufacturing together with the advancement of artificial intelligence has become the new manufacturing paradigm of Industry 4.0. Nanomanufacturing not only involves the production of nanoscale materials, but also becomes a driving force for fabricating complex objects at high throughput.

This Special Issue “Nanomanufacturing: 3D Nanofabrication and Nanoimaging” aims to reflect recent developments in 3D nanofabrication and nanoimaging in relation to nanomanufacturing, and to grasp the essence of nanoscale fabrication and characterisation. This Special Issue also aims to provide a friendly introduction to each technique for potential users. Submissions are expected to be focused on the 3D nanofabrication and nanoimaging method itself rather than the captured phenomena. We also welcome new ideas on these topics.

We hope this Special Issue works as a roadmap for all developers and users of these newly emerging areas.

Keywords

- nanofabrication
- 3D
- nanoimaging
- 3D printer
- nanoscale microscopy
- nanoscale fabrication
- 3D self-assembly



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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