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Micro- and Nanomanufacturing: From Nanoscale Structures to Devices

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Message from the Guest Editors

Dear Colleagues,

Micro- and nanomanufacturing has revolutionized the development of materials and nanostructures leading to new functionalities and devices with improved performance. The ability to control matter at the micro- and nanoscale has a profound impact on our society, resulting in innovative processes and products in a majority of fields including health and wellbeing, energy, environment, safety and security, among others. Simultaneously, several scientific and technological obstacles must be overcome to upscale laboratory-developed materials and devices to industrial production.

The purpose of this Special Issue is to present recent advancements in micro- and nanofabrication, both at the laboratory as well as the industrial level. Contributions on novel materials and processes as well as their application in nanoelectronic devices, sensors, energy harvesting, etc., are encouraged.

We look forward to your contributions and we hope that this Special Issue will act as a forum for industrial and academic research groups working in the field of micro- and nanofabrication.

Kind regards,

Dr. Christos Tsamis

Dr. Danijela Randjelovic

Guest Editors



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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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