

Advanced nanofabrication for innovative sensors and microsystems @NanoMicroFab

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Abstract

This talk will present a selection of possible processing strategies for improving the performances of micro-devices by using nano-fabrication/nano-processing approaches to enhance the device functionalities.

In particular, novel solutions enabled by the use of facilities present at the @NanoMicroFab Research Infrastructure will be shown, such as electron beam nanolithography and synthesis of nanostructure. The role of the high-resolution, high-versatility and fine-control of the processes will be discussed giving examples of current research lines at NanoMicroFab.