



# 1ST INTERNATIONAL SCHOOL on Nano-Tooling @ ScienceApp

MANIPULATING, SHAPING AND FUNCTIONALIZING THE MATTER

30 – 31 March 2017 – Pozzuoli

**The scope of Nano-Tooling School** is to provide a two-days full-immersion training on 6 advanced technologies:

- Holographic Lithography
- E-Beam Lithography
- Magnetic Nanosensing
- Inkjet Printing & Additive Manufacturing at Nanoscale
- Functional Nanoparticles for Nanomedicine
- Femtosecond Laser Surface Structuring and Patterning

**The Nano-Tooling School is mainly addressed to** MSc students, PhD students and post-doc researchers, but also researchers from any branch of science who wish to increase their knowledge and awareness about micro and nanotechnologies are very welcome.

**The objectives of Nano-Tooling School are:**

Bringing to the attendees the concepts and the basic working principles of the above-mentioned Nano-Tools  
Addressing complete understanding of how the Nano-Tools have been exploited for achieving recent significant results in groundbreaking research as well as in applied sciences by the investigators working at CNR-ISASI  
Give the chance to follow guided visits at CNR-ISASI facilities with the local experts.

**The school is directed by ISASI-CNR Team Leaders** that are responsible for the facilities and for the related research topics.

Lectures by worldwide prominent scientists will be given in streaming on each one of the above Nano-Tools.

Pietro Ferraro  
Director of ISASI-CNR

**DIRECTORS OF THE SCHOOL**

Carmine Granata  
Simonetta Grilli  
Domenico Paparo  
Lucia Petti  
Claudia Tortiglione

**ORGANIZING COMMITTEE**

Antigone Marino & Berardo Ruggiero

**WEBSITE**

<http://nanotoolingschool.isasi.cnr.it>

**EMAIL ADDRESS**

[nanotoolingschool@isasi.cnr.it](mailto:nanotoolingschool@isasi.cnr.it)

**SECRETARY**

Valentina Formicola

**LOGISTIC SUPPORT**

Antonio D'Orazio

Patrizio Mignano

**INSTITUTE WEBSITE**

[www.isasi.cnr.it](http://www.isasi.cnr.it)