



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

SECRETARY

Valentina Formicola

LOGISTIC SUPPORT

Antonio D'Orazio

Patrizio Mignano

INSTITUTE WEBSITE

www.isasi.cnr.it