

**IEEE Photonics Society Italy is Technical Sponsor of:
Nano-Tooling 2017 @ ScienceApp**

**1st International School on Nano-Tooling
*Manipulating, Shaping and Functionalizing the Matter***

“Nano-Tooling: Manipulating, Shaping and Functionalizing the Matter” is one of the five scientific pillars of the mission at CNR-ISASI (www.isasi.cnr.it).

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

- 1) Holographic Lithography
- 2) E-Beam Lithography;
- 3) Magnetic Nanosensing
- 4) Advanced Inkjet Printing & Additive Manufacturing at Nanoscale
- 5) Functional Nanoparticles for Nanomedicine
- 6) Femtosecond Laser Structuring and Patterning

The NANOTOOLING School is addressed mainly 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 NANOTOOLING 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.

Organizing Committee: Dr. Antigone Marino, *IEEE Photonics Society Italy Chapter Board Member* & Dr. Berardo Ruggiero

Directors of the School: Dr. Carmine Granata, Dr. Simonetta Grilli, Dr. Domenico Paparo, Dr. Lucia Petti, Dr. Claudia Tortiglione

All details can be found at : <http://nanotoolingschool.isasi.cnr.it/>

Dr. Pietro Ferraro - *Director of ISASI-CNR and IEEE Photonics Society Italy Chapter Board Member*