

Plan 12 September

Nano Rome, 9-13 September
2024Innovation
Conference & Exhibition

Room 10

School on nanotechnologies: processes and applications to sensors and actuators

Chairs: Vittorio MORANDI, CNR-ISMN & Lorenza FERRARIO, FBK
Organized by:



09:00 13:00	Basics - PATTERN TRANSFER	
	09:15 - 09:45	Lithography 1 - basic technologies: litho 1 Massimo CUSCUNÀ, Nanotec CNR, Lecce
	09:45 - 10:30	Lithography 2 - basic technologies: litho 2 Massimo CUSCUNÀ, Nanotec CNR, Lecce
	10:30-10:50 Break and visit of the exhibition area	
	10:50 - 11:35	Two photon polymerization for micrometric devices fabrication - basic technologies Valentina BERTANA (remotely), Polytechnic University of Turin
	11:35 - 11:20	Lithography based on block copolymers - basic technologies: innovative patterning Irdi MURATAJ, INRiM / CNR-IMM
	11:20 - 13:00	Last advances in two-photon polymerization towards parallel printing and multi-functional 3D nanomaterials - basic technologies Sara NOCENTINI, INRiM
13:00-14:00 Lunch break and visit of the exhibition area		
14:00 17:00	14:00 - 14:45	Biosensors and Microfluidics - technological platforms Simone Luigi MARASSO, PoliTo/CNR-IMEM
	14:45-15:30 Break and visit of the exhibition area	
	15:30 - 16:15	Quantum and nanotechnologies applied to time and frequency metrology - METROLOGY - basic technologies: metrology Chiara GIONCO, INRiM
	16:15 - 17:00	Traceable Dimensional Nanometrology by Metrological AFM Luigi RIBOTTA, INRiM