

1st Workshop on 3D MICRO- & NANO-STRUCTURES: FABRICATION AND MEASUREMENT

14th June 2022 – from 14:00 to 17.00

The workshop will focus on the fundamental manufacturing processes used for the realization of samples and devices for metrology applications. The lectures will include basics of micro- & nanolithography and etching methods. As part of the workshop, a visit to the fabrication and characterization laboratories is foreseen.

SPEAKERS:

Prof. Diederick Wiersma

(President of INRiM & Università di Firenze, Dipartimento di Fisica e Astronomia)

"Le nuove unità fondamentali e le prospettive future per la metrologia"

Dr. F. Ferrarese Lupi – MICRO- & NANO- LITHOGRAPHY

Dr. M. Fretto – DRY ETCHING PROCESSES

Dr. E. Cara – WET ETCHING PROCESSES

Dr. L. Ribotta – OPTICAL PROFILOMETRY

Dr. G. Aprile – PIQUET CLEAN ROOM

Visit to the INRiM Laboratories:

- Nanofacility Piemonte
- Piemonte Quantum Enabling Technology
- Optical & Electrical characterization labs

LOCATION:

ISTITUTO NAZIONALE DI RICERCA METROLOGICA – Sala Convegni edificio M
Strada delle cacce 91
10135 Torino

INFO & REGISTRATION: f.ferrareselupi@inrim.it

<https://amdgroup.inrim.it/>