

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 to realize samples and devices for metrology applications. The lectures will include the basics of micro- & nano-lithography 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 & Full Professor at the Università di Firenze, Dipartimento di Fisica e Astronomia
"Le nuove unità fondamentali e 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. G. Aprile – PIQUET CLEAN ROOM

Dr. L. Ribotta – OPTICAL PROFILOMETRY

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
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