

SUMMER SCHOOL ON EXPERIMENTAL NANO- AND MICROMECHANICS

Register by
May 31th

School Basic Information

- **Dates:** July 24-28 2023
- **Venue:** Università degli studi Roma Tre,
Department of Civil, Computer and Aeronautical
engineering (Rome, Italy) – www.uniroma3.it
- **Registration at:**
<https://mecanano-school-2023.sciencesconf.org>

Topics

- Advanced nanoindentation
- Small scale plasticity
- Multiscale modelling
- Microcompression testing
- Fracture mechanics
- Micro-fracture experiments
- SEM/FIB, EBSD and ECCI
- Testing in extreme conditions
- AI&ML for nanomechanics

Confirmed Lecurers

- George M. Pharr
- Erik Bitzek
- Daniel Kiener
- Xavier Maeder
- Jon Molina
- Chris Eberl
- Edoardo Rossi
- Roman Gröger
- Nadine Schrenker



European Network for the Mechanics of Matter at the Nano-Scale (MecaNano)



The Challenge:

MecaNano is intended as a broad international cooperation aiming to advance the multiscale understanding of the mechanical behavior of nanostructured materials.

The Network and the leadership:

MecaNano combines the expertise and resources of European and associated researchers from >37 countries.

Action chair:
Prof. Benoit Merle
University of Kassel (Germany)
benoit.merle@uni-kassel.de

