

NANO COLLOQUIA

January - June
2026

MODENA S3

PISA NEST

January 15

Gabriele Losi

Exploring Astrocyte-Neuron interactions with 2-Photon Laser Scanning Microscopy (2PLSM) and Liquid Chromatography-Mass Spectrometry (LCMS) to unveil new therapeutic targets for Autism Spectrum Disorder

January 22

Tommaso Guazzini & Simone Zanotto

LMPE SB and Cnr Nano

Project summary Alta Formazione Regione Toscana. MELA: Metasurface based lidar sensor for agrifood. MERIDIAN: Materiali polimerici biodegradabili a basso impatto ambientale

February 05

Arrigo Calzolari

Plasmonic and hyperbolic (meta)materials beyond noble metals

February 19

Fabrizio Dolcini

Politecnico di Torino

Edge states of topological materials: introduction and interplay with superconductivity

March 05

Costanza Borghesi

Many-body interactions in photo-excited lead-free perovskites

March 26

Francesco Cardarelli

Scuola Normale Superiore

Towards next-generation nanotherapeutics: lessons learned and new challenges

April 09

Denis Garoli

Università di Modena e Reggio Emilia

Novel nanoporous systems for advanced photonic applications

April 16

Lorenzo Lavista

Cnr Nano and UNIPI

Micro- and nanoscale organic photonics

May 07

Francesco Macheda

Università di Modena e Reggio Emilia

How does encapsulation modify the transport properties of graphene?

May 14

Francesco Giazotto

Thermoelectricity with superconducting nanocircuits

June 04

Claudio Bonizzoni

Università di Modena e Reggio Emilia

Molecular spins for quantum technologies with hybrid superconducting circuits

June 25

Alessandra Di Gaspare

Terahertz optical nonlinearities in Dirac matter: mending the 24-60 micron gap in the far infrared range

Colloquia are scheduled at 14.15 in Pisa and at 14.30 in Modena - HYBRID.

Online meetings will be held using Microsoft Teams.

Info: NEST Nano Colloquia Committee (colloquiapisa@nano.cnr.it)

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