



UNIVERSITY
OF TRENTO - Italy
Department of Physics

NANOSCIENCE LABORATORY KICK OFF MEETING

THE ANNUAL MEETING OF THE NANOSCIENCE LABORATORY

25 NOVEMBER 2016

Polo Scientifico Tecnologico "Fabio Ferrari" (Povo 1 building)
via Sommarive 5, Povo (Trento) - Room A207

The meeting aims at making the point of the research activities and to pave the way for the future research programs.

Two speakers from collaborating institutions and four research teams, formed by the scientists of Nanoscience Laboratory, will present the state of the art of the research in nanoscience and photonics.

PROGRAM

14.00-14.10 **WELCOME**

Lorenzo Pavesi

University of Trento, Department of Physics

14.10-15.00 **NANO AND BIO-INSPIRED EXTREME MECHANICS**

Nicola Pugno

University of Trento, Department of Civil, environmental and mechanical engineering

15.00-15.30 **INTERACTIVE TALK BY THE NANOBIO TECHNOLOGY TEAM**

Cecilia A. Maestri, Chiara Piotto, Niccolò Carlino

University of Trento, Nanoscience Laboratory

15.30-16.00 **INTERACTIVE TALK BY THE APPLIED SILICON PHOTONICS TEAM**

Zahra Bisadi, Tatevik Chalyan, Stefano Tondini, Giorgio Fontana, Forough Sarbishe

Khoyzemyeh, Sara Piccione

University of Trento, Nanoscience Laboratory

16.00-16.30 Coffee break

16.30-17.30 **SATELLITE QUANTUM COMMUNICATION AND SECURE RANDOM NUMBER GENERATORS**

Giuseppe Vallone

University of Padova, Department of Information Engineering

17.30-18.00 **INTERACTIVE TALK BY THE INTEGRATED QUANTUM PHOTONICS TEAM**

Alessandro Trenti, Massimo Borghi, Fernando Ramiro Manzano, Stefano Biasi, Fabio Turri

University of Trento, Nanoscience Laboratory

18.00-18.30 **INTERACTIVE TALK BY THE NONLINEAR SILICON PHOTONICS TEAM**

Mattia Mancinelli, Mattia Cominelli, Alessandro Marchesini, Stefano Signorini, Claudio

Castellan, Astghik Chalyan

University of Trento, Nanoscience Laboratory

The meeting is **open to the public** and the participation is **free of charge**.

Contacts

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<http://www.unitn.it/event/nanoscience-laboratory-kick-off-meeting-2016>

Meeting organized by



Within the following research projects



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