



UNIVERSITY
OF TRENTO - Italy
Department of Physics

NANOSCIENCE LABORATORY KICK OFF MEETING

THE ANNUAL MEETING OF THE NANOSCIENCE LABORATORY

25 NOVEMBER 2016

Polo Scientifico e 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

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| 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, Foroogh Sarbishe Khozaymeh, 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
Tatsiana Yatskevich
Department of Physics
Nanoscience Laboratory
tatsiana.yatskevich@unitn.it

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

Meeting organized by



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