

Students talk to Students

30th of May, 2018

Room A214, Polo Scientifico e Tecnologico Fabio Ferrari (Povo 1)

14.30 - 14.50 **Matteo Pasini** - One-Photon Entanglement for Quantum Information and Cryptography

14.50 - 15.10 **Gioele Piccoli**- Engineering high quality integrated micro-resonators

15.10 - 15.30 **Nicolò Leone** - Fluid of light: are photons like cold atoms?

15.30 - 15.50 **Chaira Vecchi** - The mystery of Second Harmonic Generation in Strain Silicon Waveguides

15.50 - 16.10 **Manuel Alessandro Medina** - Integrated silicon photonics for optical communication

16.10 - 16.30 **Davide Bazzanella** - Neuromorphic photonics: exploiting light for machine learning

16.30 - 16.50 **Pietro Ricci** - Optical fiber pulling and tapering. A new neural optogenetic application