

Students talk to Students

30th of May, 2016

Room A210, Polo Scientifico e Tecnologico Fabio Ferrari (Povo 1)

09:00 - 09:20 **Claudio Castellan** "Introduction to silicon photonics and the IRIS project"

09:20 - 09:40 **Alessio Lugnan** "Photonics for neural computing"

09:40 - 10:00 **Alessandro Marchesini** "Supercontinuum generation in the MIR with $\chi^{(2)}$ nonlinearity"

10:00 - 10:20 **Stefano Signorini** "Integrated quantum photonics: the source"

10:20 - 10:40 **Sara Piccione** "Quantum correlation measurements in the MIR"

10:40 - 11:00 **Stefano Biasi** "Sound-like dispersion in nonlinear optics"

11:00 - 11:20 **Giovanni Visonà** "Porous silicon for biomedical applications"

11:20 - 11:40 **Cecilia Ada Maestri** "Nanocellulose: dynamics of hydration"