

Gioele Piccoli

Nationality: Italian | Email address: gpiccoli@fbk.eu |

Address: Via Sommarive 18, Fondazione Bruno Kessler, 38123, Trento, Italy (Work)

WORK EXPERIENCE

 **FONDAZIONE BRUNO KESSLER – TRENTO, ITALY**

RESEARCHER – 12/2019 – CURRENT

Simulation and design of photonic integrated circuits (PIC).
Microfabrication of PIC with CMOS-compatible materials and processes.
Testing and characterization of PIC.

 **ROECHLING AUTOMOTIVE – LAIVES (BZ), ITALY**

PRODUCT DEVELOPER – 12/2018 – 06/2019

Engineering and testing of components for the automotive sector.

EDUCATION AND TRAINING

10/2020 – 07/2024 Trento, Italy
PHD IN PHYSICS Università di Trento

Quantum information, quantum photonics, optics, photonics, integrated photonics, microfabrication, semiconductors.

Website <https://www.unitn.it/en> | **Field of study** Physics | **Final grade** Cum Laude | **Level in EQF** EQF level 8 |

Thesis Reconfigurable NIR Integrated Photonics for quantum application

09/2015 – 07/2018 Trento, Italy
MASTER DEGREE IN PHYSICS Università degli Studi di Trento

Website <https://www.unitn.it/en> | **Field of study** Physics | **Final grade** 107/110 | **Level in EQF** EQF level 7 |

Thesis Integrated ultra-thin silicon optical microresonators

09/2012 – 10/2015 Padova, Italy
BACHELOR DEGREE IN PHYSICS Università degli Studi di Padova

Website <https://www.unipd.it/en/> | **Field of study** Physics | **Final grade** 103/110 | **Level in EQF** EQF level 6 |

Thesis Distribuzione quantistica di chiavi con metodo Measurement-Device-Independent

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Driving Licence: B