



PIETRO CARRARA

WORK EXPERIENCE

From Apr. 2020 to Oct. 2020 | **Post-graduate Scholarship**
at IOM-CNR in Trieste

July 2018 | **Mathematics and Physics recovery courses**
at Liceo Scientifico "A. Carrel" in Milano

EDUCATION

From Nov. 2020 | **Ph.D. student**
at Università degli Studi di Milano
Ph.D. school in Physics, astrophysics and applied physics
"Time-resolved fine analysis of low-energy excitations in magnetic and functional materials."
Supervisor: prof. Giorgio Rossi

From Sept. 2017 to Febr. 2020 | **Master degree in Physics: 110/110 cum laude**
at Università degli Studi di Milano
"Characterization of a High Harmonics Generation source for spectroscopic pump-probe experiments and first results on Fe(100)/MgO surface."
Supervisor: prof. Giorgio Rossi
Co-supervisor: Ph.D. Giancarlo Panaccione
Ph.D. Riccardo Cucini

April 2019 | **Advanced Ph.D. course**
at Politecnico di Milano, Dipartimento di Elettronica
A 25-hours, 5 CFU course on "High resolution electronic measurements in nano-bio sciences."

From Sept. 2017 to Dec. 2017 | **Erasmus+ project**
at Denmark Technical University, Lyngby (DK)

From Sept. 2013 to July 2017 | **Bachelor degree in Physics: 110/110 cum laude**
at Università degli Studi di Milano
"Studio delle proprietà elettroniche di uno strato di nanoparticelle di argento ricoperte da silicio amorfo mediante spettroscopia di fotoemissione."
Supervisor: prof. Cristina Lenardi
Co-supervisor: Ph.D. Marcel Di Vece

From Sept. 2008 to Oct. 2015 | **Piano diploma: 9/10**
at Conservatorio di Musica "G. Verdi" in Milano

SCIENTIFIC ACTIVITY

- PUBLICATIONS**
- Cucini, R. *et al.* "Coherent narrowband light source for ultrafast photoelectron spectroscopy in the 17–31 eV photon energy range", *Structural Dynamics* 7, 014303 (2020); <https://doi.org/10.1063/1.5131216>
 - Sygetou, M. *et al.* "Direct measurement of ultrafast electronic temperature dynamics in plasmonic Au nanoparticles", in preparation

9/11 Sept. 2019 | **SILS conference 2019**
in Camerino (MC)
Personal poster presentation during the poster session

PERSONAL DETAILS

BIRTH
Segrate (MI), 25/08/1994

NATIONALITY
Italian

RESIDENCE
Via sentiero del dragone 24/10
20026 Novate Milanese (MI)
Italy

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TELEPHONIC CONTACTS
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DRIVING LICENCE: B

LANGUAGES
Italian: mother tongue
English: B2 (Unimi-SLAM)

PROGRAMMING
MATLAB
C++
Igor Pro
LabView
Arduino