

Curriculum Vitae – Eva Gualtieri

Personal information

Name: Eva

Surname: Gualtieri

Date of birth: 02 December 1995

Born in Treviglio (BG), Italy

Address: 50/F, via Albericci, 24040 Arzago d'Adda, BG, Italy (Postal code 24040)

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Education

- September 2017 – 06 June 2020: Laurea magistrale (equivalent to a master's degree) in MATERIALS ENGINEERING AND NANOTECHNOLOGY – (INGEGNERIA DEI MATERIALI E DELLENANOTECNOLOGIE) at POLITECNICO DI MILANO (110/110)

Thesis title (research project): “Investigation of a novel class of [5]helicene-line nanographenes by vibrational spectroscopy” (Supervisor: Prof. Matteo Tommasini; Co-supervisor: Prof. Andrea Lucotti)

- September 2014 – 23 September 2017: Laurea triennale (equivalent to a bachelor's degree) in INGEGNERIA DEI MATERIALI E DELLENANOTECNOLOGIE at POLITECNICO DI MILANO. (105/110)

Thesis title (group research project): “Nanoparticelle magnetiche con core di ferro ingegnerizzate con eparina e derivati per applicazioni diagnostiche e terapeutiche mirate” (Magnetic nanoparticles with iron core engineered with heparin and its derivatives for targeted diagnostic and therapeutical applications) (Supervisor: Prof. Elena Vismara)

- September 2009 – July 2014: Liceo scientifico (High school leaving qualification in scientific studies) at Liceo Statale G. Galilei at Caravaggio, Italy (90/100)

Languages

- Mother tongue: Italian
- Other languages:
 - English (fluent knowledge of both written and spoken English)
 - French (elementary level. Basic understanding of simple sentences)

Computer skills and competences

- Good knowledge of standard Microsoft Office software
- Matlab: basic knowledge (developed during master thesis project)

Vibrational spectroscopy instrumentation

- FT-IR spectroscopy
- FT-Raman spectroscopy

Competences developed during Master Thesis

Skills

Good observer, analytical and precise. Learn fast. Kind and respectful with everyone. Can work under pressure. Adaptable.

Publication

- Paban Sitaula, Ryan Malone, Giovanna Longhi, , Sergio Abbate, Eva Gualtieri, Andrea Lucotti, Matteo Tommasini, Roberta Franzini, Claudio Villani, Vincent J. Catalano, and Wesley A. Chalifoux, “ π -Extended Helical Nanographenes: Synthesis and Photophysical Properties of Naphtho[1,2-a]pyrenes”, (2020) preprint submitted to ChemXriv.
<https://doi.org/10.26434/chemrxiv.12931703.v1>

Hobby

- I have been studying classical piano at an amateur level since 2013. I have attended three masterclasses on Baroque music (playing harpsichords and church organs) lasting five days each in August 2020, August 2019, and August 2016 held by Maestro Luca Purchiaroni in Tarquinia (Italy)

Volunteering and minor work experiences

- volunteered as summer animator for children at my local parish (in Arzago d’Adda, Italy) in June/July of 2012 and 2011
- 3 weeks summer stage in 2012 doing office work at the Municipality of Treviglio (Italy)
- occasional collaborations with Politecnico di Milano doing various tasks helping in organizing the Open Days of years 2019 and 2017 and helping welcoming international students (February 2020)

Referees

- Professor Matteo Maria Saverio Tommasini (matteo.tommasini@polimi.it)
- Professor Andrea Lucotti (andrea.lucotti@polimi.it)