

# Curriculum Vitae ai fini della pubblicazione - Eva Gualtieri

## Personal informations

Name: Eva

Surname: Gualtieri

## Current position

- November 2020 – currently: Studente di dottorato (PhD student) in INGEGNERIA ELETTRICA, DEI MATERIALI E DELLE NANOTECNOLOGIE (curriculum: Ingegneria delle Nanotecnologie / Nanotechnology Engineering)

## 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) – TOEIC Certification (taken on 26/06/2017) with score 970/990 (Listening: 475/495; Reading: 495/495)
  - 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)

### **Characterization techniques instrumentation**

- FT-IR spectroscopy
- FT-Raman spectroscopy
- AFM microscopy

Competences developed during Master Thesis and PhD training

### **Skills**

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

### **Publication**

- Sitaula, Paban; Malone, Ryan; Longhi, Giovanna; Abbate, Sergio; Gualtieri, Eva; Lucotti, Andrea; et al. (2020):  $\pi$ -Extended Helical Nanographenes: Synthesis and Photophysical Properties of Naphtho[1,2-a]pyrenes. ChemRxiv. Preprint. <https://doi.org/10.26434/chemrxiv.12931703.v1>

### **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 in February 2020