

PERSONAL INFORMATION

Elena Cambiotti

Date of birth: /1996

Nationality

WORK EXPERIENCE

November 2021 -- January 2022

Chemistry tutor for bachelor's degree in Animal Science

University of Perugia

Piazza Università 1, 06123, Perugia – segr-didattica.dccb@unipg.it

Prof. Fabio Marmottini – fabio.marmottini@unipg.it

November 2020 -- January 2021

Chemistry tutor for bachelor's degree in Animal Science

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Prof. Fabio Marmottini – fabio.marmottini@unipg.it

October 2019 -- January 2020

Part-time cashier at the supermarket

Gugest S.r.l. – gugest.gubbio@portal.pac2000a.it

Via Rita Atria 2, 06024, Gubbio (PG)

September 2018 -- December
2018

Part-time job at the administrative office of the Department of
Chemistry, Biology and Biotechnology

University of Perugia

Piazza Università 1, 06123, Perugia – segr-didattica.dccb@unipg.it

September 2017 -- January 2018

Part-time job at the University Library University of Perugia

University of Perugia

Piazza Università 1, 06123, Perugia – segr-didattica.dccb@unipg.it

EDUCATION AND TRAINING

February 2022 -- August 2022

Visitor Scholar at Florida State University

Traineeship at Nienhaus Group, Tallahassee – Florida, USA

“Photon Upconversion from Near-IR to Visible”

October 2020 -- Ongoing

PhD student in Chemical Sciences

University of Perugia, Department of Chemistry, Biology and Biotechnology

“Study of nanocrystals for photon Up-Conversion” Supervisor: Prof. Loredana

Latterini – loredana.latterini@unipg.it

February 2020 -- March 2020

Erasmus traineeship stopped because of Covid-19

Colloid chemistry group of University of Vigo, Spain

October 2018 – July 2020

Master's degree in Chemical Sciences**University of Perugia, Department of Chemistry, Biology and Biotechnology**

- Physical Chemistry curriculum
- Thesis title: "Study of the dyes binding to protein aggregates by SERS spectroscopy". Supervisor: Prof. Loredana Latterini – loredana.latterini@unipg.it
- Score: 110/110

October 2015 – July 2018

Bachelor's degree in Chemistry**University of Perugia, Department of Chemistry, Biology and Biotechnology**

- Thesis title: "Effect of superficial chemical composition of metal nanocolloids on the Raman signal enhancement". Supervisor: Prof. Loredana Latterini – loredana.latterini@unipg.it
- Score: 103/110

September 2010 – July 2015

Graduates classical high school**Liceo classico Giuseppe Mazzatinti, Gubbio (PG), 06024 – pgis02400g@istruzione.it**

- Greece, Latin, Philosophy
- Score: 76/100

PERSONAL SKILLS

Mother tongue Italian

Other language

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken interaction

Spoken production

English

B2

B2

B2

B2

B2

Communication skills

- good communication skills gained during the English course of level B2 offered by university

Organisational / managerial skills

- good skills in team working and time organizing achieved during thesis work
- excellent capability to work in stress situations
- strong skills in problem solving

Digital skills

SELF-ASSESSMENT

Information processing

Communication

Content creation

Safety

Problem solving

Independent user

Proficient user

Independent user

Independent user

Proficient user

Levels: Basic user - Independent user - Proficient user

Digital competences - Self-assessment grid

- excellent knowledge of Office suite (word, excel and power point)
- good competence of the programming language Fortran 77
- excellent knowledge of Origin Lab for data processing

Other skills

- contributor to the event Sharper 2018 and 2021

Driving licence

B

October 2018 – July 2020

Master's degree in Chemical Sciences
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WORKSHOPS AND PUBLICATIONS

- 28 July 2020 Gambucci, M., Cambiotti, E., Sassi, P., & Latterini, L. (2020). Multilayer Gold-Silver Bimetallic Nanostructures to Enhance SERS Detection of Drugs. *Molecules*, 25(15), 3405. <https://doi.org/10.3390/molecules25153405>
- 24 February 2021 **Giomata di discussione sui Metodi Chimico Fisici utilizzati per lo studio di fasi condensate: informazioni dell'interazione tra fotoni e materia.** Flash Presentation about the "Characterization of Violanthrone in different media".
- 18-23 July 2021 International Conference on Photochemistry 2021 (ICP 2021). Participated as audience.
- 23 July 2021 Vanni, N., Venturi, D. M., Radicchi, E., Quaglia, G., Cambiotti, E., Latterini, L., ... & Costantino, F. (2021). Enhanced Stability of MAPbI₃ Perovskite Films with Zirconium Phosphate - Phosphonomethylglycine Nanosheets as Additive. <https://doi.org/10.33774/chemrxiv-2021-3b489>
- 14-23 September 2021 XXVII Congress of the Società Chimica Italiana. Poster entitled "Plasmonic effect on amyloid fibrils disaggregation".
- 23-24 September 2021 Congress GIF[®] (GIORNATE ITALIANE DI FOTOCHIMICA DEL GRUPPO ITALIANO DI FOTOCHIMICA). Poster entitled "Overview of oxygen effect on photon up-conversion and possible approaches to outdo it".
- 16-18 December 2021 Italian Photochemistry Meeting 2021. Oral presentation entitled "Thermal Control of Up-Conversion Process on Silica Capsules through Incoherent Excitation"
- 28 September -1 August 2022 EuChemS 2022 Chemistry Congress. Poster entitled "Semiconductor nanocrystals as triplet sensitizer for photon up-conversion".

MORE INFORMATION

EChemTest® Organic Chemistry 3 effected on June 21st, 2018 with evaluation "PASS"

Qualified as a chemist

TOEIC test with score 735

Perugia, 05/09/2022