

PERSONAL INFORMATION

Elena Cambiotti

Not mality

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.dcbb@unipg.it

Prof. Fabio Marmottini - fabio.marmottini@unipq.it

University of Perugia

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

Prof. Fabio Marmottini - fabio.marmottini@unipq.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 Chamietry, Biology and Biotochnology.

Chemistry, Biologyand Biotechnology

University of Perugia

Piazza Università 1, 06123, Perugia – segr-didattica.dcbb@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.dcbb@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

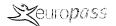
University of Perugia, Department of Chemistry, Biology and Biotechnology

"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 signalsenhancement". 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

Spoken interaction

Spoken production

English

Listening B2

B2

Reading

B2

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

B2

B2

Communication skills

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

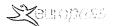
Proficient user

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



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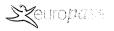
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Other skills

• contributor to the event Sharper 2018 and 2021



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. <i>Molecules</i> , 25(15), 3405. https://doi.org/10.3390/molecules25153405
24 February 2021	Giornata 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 MAPbl3 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 ³ (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 annocrystals 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

Perupia, 05/09/2022