

PERSONAL INFORMATION

Giuseppina CERRATO



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🌐 <https://www.chimica.unito.it/do/docenti.pl/Alias?giuseppina.cerrato#tab-profilo>

Sex F | Date of birth 20/04/1964 | Nationality italian

WORK EXPERIENCE

Replace with dates (from - to)

From October 2015 up today

Associate Professor of Inorganic Chemistry (ssd CHIM/03)
University of Torino - (UniTO)
Via Verdi, 8 - Torino (ITALY)

Academic position

Didactics (I, II and III levels teaching), Research (both Experimental (Inorganic Chemistry) and in Didactic of Sciences/Chemistry), Third Mission (dissemination and public engagement)

From November 2001 to October 2015

Academic Researcher of Inorganic Chemistry (ssd CHIM/03)
University of Torino - (UniTO)
Via Verdi, 8 - Torino (ITALY)

Academic position

Didactics (I, II and III levels teaching), Research (both Experimental (Inorganic Chemistry) and in Didactic of Sciences/Chemistry), Third Mission (dissemination and public engagement)

From December 1995 to October 2001

Senior research technician (VII q.f., then D1-D2 level), responsible of Electron Microscopy facilities for the Department of Chemistry (in charge of i) all the electron microscopy experimental measurements and ii) maintenance and implementation of the instruments)
University of Torino - (UniTO)
Via Verdi, 8 - Torino (ITALY)

Research and Third Mission

From October 1990 to December 1995

Non permanent position as teacher at Istituto Professionale "F. Balbis" for the following disciplines:
- 67/A (ex A100) Photography&Cinematography: theoretical and chemical insights;
- 69/A (ex A077) Graphical and Printing Technology

Higher school teaching

EDUCATION AND TRAINING

Replace with dates (from - to)

March 1990

Master Degree in Chemistry (ante DM 509/99) at the Faculty of Sciences – University of Turin (Italy)

June 1990

Become qualified as Chemist

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	excellent	excellent	excellent	excellent	excellent
	C1				
German	good	good	good	good	good
	B1				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good skills in both teamwork and coordinating heterogeneous working groups (like for instance teachers belonging to different school levels) gained in several formation/education activities carried out for different public and private organisations (Education sector of Torino municipality and county, regional school system, *Il laboratorio della curiosità* (Compagnia di Sanpaolo))

Organisational / managerial skills Good attitude in organising/co-organising continuing education courses devoted to the Didactic of Sciences for any school level and for general public engagement.

Leadership (currently responsible for a team of 5 people at the Department of Chemistry - UniTO)

Organisation of 10 workshops, conferences and congresses (starting from 1999 up to date) devoted to Inorganic and Physical Chemistry, both as local committee and in the scientific board.

Manager of the Piano Lauree Scientifiche (PLS) from December 2019 up today for the Department of Chemistry (UniTO).

Job-related skills Good attitude in designing, synthesising and characterising (both morphologically and structurally) inorganic materials of oxidic/phosphatic nature (currently co-manager of the electron microscopy facilities (Laboratorio SMEA "G. Martra") of the Department of Chemistry – UniTO).

Computer skills Good command of Microsoft Office™ tools.

Other skills

Driving licence Driving licence category B

ADDITIONAL INFORMATION

Publications Qualified as Full Professor of Inorganic Chemistry (SSD CHIM/03) from December 2023.

Presentations

Projects

Conferences

Seminars

Author/co-author of ca. 177 publications and 16 book chapters ISI assessed (H index Scopus: 41, citations: 5890, as for May 2024) devoted to experimental researches relative to synthesis and characterisations of oxidic/phosphatic materials for applications in catalysis/photocatalysis, biomass

Honours and awards
 Memberships
 References

valorisation, nanotechnologies or biomedical devices (DDS, implants, etc). Complete list of publication can be found in the personal IRIS-Unito repository: <https://iris.unito.it/cris/rp/rp22173>
 Author/co-author of 25 books or similar devoted to the Didactic of Chemistry/Sciences and aimed at the dissemination/engagement of pupils and general public.

G. Cerrato took part to ca. 100 congresses-conferences-workshop in both research fields above described.

Winner of the SCI (Società Chimica Italiana) Grand Prize 2024.

Participant to the UNITA Phase 2 project in:

- a. WP2. Task 2.1
- b. WP4 Task 4.2 (within this WP, referent for Unito for the CIRCULAR ECONOMY AND ENVIROMENT hub)

Participant to the project "Green processes for Industrial Productions and cost-effective effluents valorisation" (GRIP), funded in the frame of PNRR funding programme - Missione 4, Componente 2, Investimento 1.5 – Creazione e rafforzamento di "Ecosistemi dell'innovazione", costruzione di "leader territoriali di R&S" with grant agreement no. ECS00000036. (5 M€ funding, 32 months from November 2022). In particular, she is active in the task 2.1 (Waste and biomasses characterization).

Local coordinator for UNITO of the Re-UNITA (Research for UNITA) project (Horizon 2020, Science with and for Society; Call: Support for the Research and Innovation Dimension of European Universities); 3 years funding September 2021 – August 2024. In the project leader of the WP3 devoted to the strengthening of human capital (including balanced brain circulation and gender balance strategy).

Participant to the SATURNO (Scarti organici e Anidride carbonica Trasformati in carbURanti, fertilizzanti e prodotti chimici; applicazione concreta dell'econoMia circolare) Regional project for the activities devoted to the valorisation of organic wastes (3 years funding July 2019 – November 2022): Task 3.3 "Formulation of humic and fulvic acids on (i) either Si or P based inorganic matrices and (ii) Natural Deep Eutectic Solvent –NaDES, for controlled release in soils".

Local coordinator (PI) for UNITO of the EITFOOD project "SEE & EAT: Communicating the benefits of visual familiarity as a strategy for introducing healthy foods into children's diets 2020" (2 years funding 2019-2020, PI: University of Reading, UK).

Local referent for the chemical aspects of the EITFOOD "WeValueFood" (2 years funding 2019-2020, local UNITO coordinator: prof. L.Operti; PI: Queen's University Belfast, UK).

Supervisor of more than 470 Master theses in Primary Formation Sciences (Fundamental and Didactic of Chemistry discipline); Supervisor of 16 Master theses in Chemistry and/or Materials Science; coadvisor of 8 Master theses in Chemistry for the Erasmus incoming students of the University of Aberdeen (UK).

President of the Regional (Piemont and Valle d'Aosta) section of the Società Chimica Italiana for the 2020-2022 period (currently past President until December 2025, member of the executive board in the 2017-2019 period).

Member of the Executive board of the CIFIS – UniTO in the 2016-2021 period. Currently Director of the PF60/30 in Chemistry and Sciences (classes A034 and A050, respectively) to be started in Spring 2024.

Member of the ANVUR Experts of Third Mission Assessment (from 2015).

Turin, June 7th 2024



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