

## Serena De Negri

Full Professor

### EDUCATION AND TRAINING

March 2003

#### PhD in Chemical Sciences

Thesis title: "Ternary alloys of the rare earth metals with aluminum and magnesium: constitutional, thermodynamical, physical and electrochemical properties"

University of Genoa – Genova – IT

October 1999

#### Master degree in Chemistry

Thesis title: "Alloying behaviour of aluminum and magnesium with the rare earth metals: the Al-Mg-Pr and Al-Mg-Er systems" – 110/110 cum laude

University of Genoa – Genova – IT

Luglio 1994

#### High school diploma in classical studies

Liceo Ginnasio Statale "G. Mazzini" – Genova – IT

### PROFESSIONAL HISTORY

November 2020 – now

#### Full Professor (CHIM03)

Research activities in the field of intermetallic systems, teaching for degree courses in Chemistry and Chemical Technologies and in Chemical Sciences, supervisor of master's degree theses and tutor of three-year interns.

University of Genoa – Genova – IT

March 2015 – October 2020

#### Associate Professor (CHIM03)

Research activities in the field of intermetallic systems, teaching for degree courses in Chemistry and Chemical Technologies and in Chemical Sciences, supervisor of master's degree theses and tutor of three-year interns.

University of Genoa – Genova – IT

November 2008 – March 2015

#### Permanent Researcher (CHIM03)

Research activities in the field of intermetallic systems, teaching for degree courses in Chemical Sciences, supervisor of master's degree theses and tutor of three-year interns.

University of Genoa – Genova – IT

March 2003 – October 2008

#### Post-doc fellowship

Research activities on ternary intermetallic systems and light aluminum and magnesium alloys

University of Genoa – Genova – IT

## Università di Genova - Genova - ACADEMIC APPOINTMENTS

From the 1<sup>st</sup> November 2025 -

**Coordinator of Chemistry Degree Programmes**

Department of Chemistry and Industrial Chemistry  
University of Genoa - Genova – IT

From the 1<sup>st</sup> November 2024 to the 1<sup>st</sup> November 2025

**Deputy Coordinator of Chemistry Degree Programmes**

Department of Chemistry and Industrial Chemistry  
University of Genoa - Genova – IT

From the 1<sup>st</sup> November 2024 -

**Member of the Department Council**

Department of Chemistry and Industrial Chemistry  
University of Genoa - Genova – IT

From the 1<sup>st</sup> November 2023 -

**Member of the Quality Assurance Committee in Chemistry and Chemical Technologies and in Chemical Sciences**

The QA Commission is responsible for the self-assessment of the degree programme and the drafting of the following documents: SUA-CdS, Annual Monitoring Report, Cyclical Review Report, Course Prospectus, Teaching Regulations.

Department of Chemistry and Industrial Chemistry  
University of Genoa - Genova – IT

From the 1<sup>st</sup> November 2023 -

**Member of the Teaching Committee for Chemistry and Chemical Technologies and Chemical Sciences**

The Teaching Committee is responsible for coordinating teaching programmes, verifying educational objectives and teaching plans, collecting statistical data on the course of study, and proposing changes to the teaching system.

Department of Chemistry and Industrial Chemistry  
University of Genoa - Genova – IT

From the 1<sup>st</sup> November 2023 -

**Director's Delegate for Teaching**

The teaching delegate is primarily responsible for assisting the Director and the teaching office in collecting and checking the teaching assignments proposed for the Department's lecturers during the process of defining duties for the following academic year.

Department of Chemistry and Industrial Chemistry  
University of Genoa - Genova – IT

From 2010 to 2023

**Member of the Tutoring Committee (later the Internship Committee) for the Degree Course in Chemistry and Chemical Technologies**

The committee is responsible for assigning, monitoring and evaluating internships for students graduating in Chemistry and Chemical Technologies.

Department of Chemistry and Industrial Chemistry  
University of Genoa - Genova – IT

## EXPERIENCE

### MAIN SEMINARS

#### [August 2025](#) Invited Talk

“A long-lasting exploration journey through classic, new and rediscovered approaches for studying Mg-containing intermetallics”, European Crystallographic Meeting (ECM35), Lviv-Poznan, 25-29 August 2025, MS13\_01.

#### [October 2021](#) Invited talk

“Rare earth (RE)-rich intermetallics in RE-T-Mg systems (T=transition metal): structural variety based on polyicosahedral units”, Muroran-IT Rare Earth Workshop 2021, 27-28 October 2021, online, Plenary Talk 1.

#### [From the AA. 2016/2017 every other year](#) Type B course ‘Bioinorganic Chemistry’

2 CFU course for students enrolled in the PhD programme in Chemistry and Materials Science and Technology

Department of Chemistry and Industrial Chemistry

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### PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

#### [2003](#) Award for the best doctoral thesis in Inorganic Chemistry

The award is given by the Inorganic Chemistry Division of the Italian Chemical Society to students who have obtained their doctorate and distinguished themselves for innovation, productivity and maturity in their research.

Italian Chemical Society, Inorganic Chemistry Division

### OTHER EXPERIENCES

#### [From 2008](#) – Refereeing for scientific journals

Reviewing for international journals in the field of alloy and intermetallic compound research (e.g. Intermetallics, Journal of Alloys and Compounds, Journal of Solid State Chemistry, Materials, Journal of Phase Equilibria and Diffusion)