Università di Genova

Pavlo Solokha

Associate Professor

EDUCATION AND TRAINING

2008
PhD in Chemistry
Thesis title: “Interaction of the components in Tb-(Fe Ni Cu)-(Zn Mg) ternary systems and related to them (phase equilibria crystal structure and physical properties of compounds)”
University of Lviv – Lviv – UA

2003
Master degree in Chemistry
Thesis title: “Isothermal section of the Tb-(Cu Ni)-Zn ternary systems”
University of Lviv – Lviv – UA

Luglio 1994
High school diploma
School No.11 – Chervonograd – UA

PROFESSIONAL HISTORY

2019 – now
Associate Professor (CHIM03)
Research activities in the field of intermetallic systems, teaching for degree courses in Biotechnology, Geological Sciences, and Chemical Sciences, member of the teaching staff, supervisor of master's theses, and tutor of three-year interns.
University of Genoa – Genova – IT

2016 – 2019
Researcher of B type (CHIM03)
Research activities in the field of crystallography and electronic structure calculations aimed at studying the chemical bonding of intermetallics. Teaching for the degree course in Geological Sciences, supervisor of master's theses and tutor of three-year interns.
University of Genoa – Genova – IT

2012 – 2016
Researcher of A type (CHIM03)
University of Genoa – Genova – IT

2005 – 2008
Post-doc fellowships
Research activities on ternary intermetallic systems and Mg-containing light alloys.
University of Genoa – Genova – IT

Università di Genova

Università di Genova - Genova - ACADEMIC APPOINTMENTS

2022 – 2025
Member of the Faculty Board for the Doctorate in Chemistry and Materials Science and Technology
Department of Chemistry and Industrial Chemistry
University of Genoa - Genova – IT

EXPERIENCE

MAIN SEMINARS

September 2025 Invited Talk
"Curiosity driven exploration of intermetallic quasicrystal approximants", Breaking Symmetry: Aperiodic Crystallography Meets Materials Science, Torino, 18-19 September 2025.

September 2019 Invited talk
"From curiosity driven exploration of challenging intermetallics to novel materials design", IV international conference on crystal chemistry of intermetallic compounds, 22-26 September 2021.

From the AA. 2016/2017 every other year Type B course 'Single crystal diffraction at work'
2 CFU course for students enrolled in the PhD programme in Chemistry and Materials Science and Technology
Department of Chemistry and Industrial Chemistry
University of Genoa - Genova - IT

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)