

CV – TEALDI CRISTINA

Researcher unique identifiers: ORCID ID: 0000-0003-1700-1723; Scopus Author ID: 6508301316

EDUCATION

2011 – Post-graduate specialization course on patents and trademarks – University of Milano
2006 – PhD in Chemical Science - University of Pavia
2002 – Chemistry degree (110/110 cum laude) - University of Pavia
1998/2005 - Undergraduate and graduate student at the Institute for Advanced Studies (IUSS) in Pavia

CURRENT POSITION

Since 1/10/2021: Associate professor (CHIM/02) – Department of Chemistry, University of Pavia

PREVIOUS POSITIONS

2018/2021 – Researcher (art. 24c.3-b L. 240/10) – Department of Chemistry, University of Pavia
2016/2018 – Senior Research associate – Department of Chemistry, University of Pavia (topic: rechargeable batteries)
2013/2016 – Researcher (art. 24c.3-a L. 240/10) – Department of Chemistry, University of Pavia
2011/2013 – Post-doc researcher for the National Interuniversity Consortium of Materials Science and Technology/UdR Pavia (topic: computational and experimental investigation of novel ionic conductors)
2009/2011 – Post-doc researcher – Department of Physical Chemistry, University of Pavia (topic: thin films deposition and characterization)
2006/2009 – Post-doc researcher – Department of Physical Chemistry, University of Pavia and Technical University Munich (topic: SOFCs materials and devices)

VISITING ACADEMIC POSITIONS

Visiting PhD student and visiting research scientist at:
University of Surrey (2003-2004, 6 months) - group of Prof. Saiful Islam
University of Bristol (2006, 1 month) - group of Prof. Neil Allan
University of Bath (2008-2009, 2 months) - group of Prof. Saiful Islam
Technical University of Munich (2006-2009, 18 months) - group of Prof. Ulrich Stimming

FELLOWSHIPS AND AWARDS

2016 – invited contribution to the Emerging Investigators issue of the Journal of Materials Chemistry A. Publication: “Feeling the strain: enhancing ionic transport in olivine phosphate cathodes for Li and Na-ion batteries through strain effect”.
2013 – selected among the finalists of the Solid State Ionics – Young scientist award to be held at the XIX Solid State Ionics conference in Kyoto.
2008 – awarded an “Alexander von Humboldt” research fellowship (duration 18 months) to be conducted at the Technical University of Munich, Germany (Prof. U. Stimming).
2018 – national qualification as full professor (03/A2 - Models and methodologies in chemical science and 03/B2 – Chemical basis of technologies).

TEACHING ACTIVITIES

All at University of Pavia
Since a.a. 2022/2023 - Physical Chemistry and biophysical essays (24 h), Bachelor degree in Biotechnology
Since a.a 2018/2019 - Physical chemistry of solid state devices (24 h), Master degree in Chemistry
Since a.a 2018/2019 - Modelling Techniques in Materials Chemistry (48 h), Master degree in Chemistry
Since a.a.2013/2014 - Chemistry and Technology of Materials (24 h), Master degree in Chemistry
2013/2016 (3 academic years) - Laboratory of Materials Chemistry (24 h), Bachelor degree in Chemistry

ADMINISTRATIVE ROLES

- Chemistry department coordinator for students with disabilities.
- Chemistry department coordinator for innovative teaching.
- Member of the university entrance test (TOLC) commission for the Chemistry department.

- Member of the Master's degree admittance test commission for the Chemistry department.

ORGANIZATION OF SCIENTIFIC MEETINGS

2021: Co-chair – Italian Workshop on Energy Storage (IWES 2021, 24-26 February 2021)

2017: Organizer of symposium “Advanced Lithium and Sodium Battery Electrode Materials”– Solid State Ionics (SSI-21, 18-23 June 2017)”

2013: Organizing secretary – Giornate dell'Elettrochimica Italiana (GEI2013, 22-27 September 2013),

MAIN BIBLIOGRAPHIC DATA

Author of 81 publications, h-index 24 (Scopus data), h-index 27 (Google Scholar).

PAST FUNDING ID – COORDINATING ACTIVITIES

- PI (national coordinator) of the “**FIRB – Futuro in ricerca**” project “INCYPIT - INnovative Ceramic and hYbrid materials for Proton conducting fuel cells at Intermediate Temperature: design, characterization and device assembly”, funded by MIUR (Italian Ministry of Education, Universities and Research) in the 2012 call (Proposal code: RBFR12CQP5, budget: 900000 €, 3 research units, 36 months).
- PI of the “**Rafforzamento ERC**” project “Materiali e dispositivi flessibili a stato solido per batterie ricaricabili post-Li ione” funded by Cariplo and Regione Lombardia in the 2015 call (Proposal code: 2015-0753; budget: 147000 €, 18 months).
- Project leader of research contracts (2020-2022; 2022-2025) between the University of Pavia and RSE s.p.a., aimed at the structural and computational investigation of cathodes and electrolytes for Na-ion batteries (budget > 140000 €, including a PhD research grant).

MEMBERSHIP OF SCIENTIFIC SOCIETIES

Italian Chemical Society (SCI)

National Interuniversity Consortium of Materials Science and Technology (INSTM)

Italian group for electrochemical energy storage (GISEL)

(May 2024)