



Società Chimica Italiana

Divisione di Elettrochimica



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Vincitori Premi di Laurea e Dottorato

della Divisione di Elettrochimica della Società Chimica Italiana



Arianna Massaro

Premio di Dottorato Engitec Technologie

Arianna obtained her PhD in Chemical Science cum Laude at Università di Napoli "Federico II" in 2021, under the supervision of Proff. M. Pavone and A.B. Muñoz-García (MUSICHEM LAB). During the PhD, she has been Visiting Student in the group of Prof. A. Pádua at ENS de Lyon (France) and in GAME LAB of Prof. C. Gerbaldi at Politecnico di Torino (Italy). She is now working as Post-Doc at MUSICHEM LAB, and she is Visiting Researcher in the group of Prof. A. Balducci at University of Jena (Germany) within the STAR PLUS grant. Her recent and ongoing studies focus on the investigation and tuning of structure-property relationship in functional materials with potential application in advanced electrochemical devices. She is author/coauthor of 13 scientific publications, of which 7 as first author.



Luca Casanova

Premio di Dottorato Fondazione Oronzio e Niccolò De Nora

Luca Casanova is a young researcher active in the field of surface treatments and corrosion science. He pursued his master's degree in 2018 at Politecnico di Milano, in materials engineering and nanotechnology, with a score of 110/110 with honors and a thesis dedicated to photocatalytic applications of metal oxides. In 2022 Luca finished his PhD with honors at Politecnico di Milano with a thesis focused on plasma electrolytic oxidation (PEO) treatments applied on valve metals, and the investigation of the acidic corrosion mechanism of titanium. Particular attention was devoted to electrochemical impedance spectroscopy (EIS) which permitted to highlight the importance of controlling the oxide stoichiometry to enhance the barrier properties of materials immersed in low pH environments.



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Williane Da Silva Freitas

Premio di Dottorato Fondazione Oronzio e Niccolò De Nora

She received her Ph.D. in Chemical Sciences in 2022 at the University of Rome Tor Vergata, carrying out her research activity in the MaDE@UTV (Materials and Devices for Energy at University of Rome Tor Vergata) group, under the supervision of Profs. Barbara Mecheri and Alessandra D'Epifanio.

Currently, she is a Postdoctoral Researcher in the MaDE@UTV group dealing with the development of PGM-free electrocatalysts for fuel cells and flow batteries.

Author and co-author of 6 publications, she has presented 12 contributions at national and international conferences, including an oral communication by invitation and 3 communications awarded as the best oral or poster contribution



Daniele Versaci

Premio di Dottorato in Memoria del Prof. Claudio Maria Mari

Daniele Versaci graduated in Environmental Chemistry in 2014 at Università degli Studi di Torino, with a master thesis on hybrids anodic materials for lithium-ion batteries. In April 2021, he obtained his Ph.D in Material Science and Technology, with honors, based on the development of advanced cathode and anode materials for high-energy post Li-ion batteries, for which he received the 2020 quality award from the Board of the Doctoral School of Politecnico di Torino. He is co-author of 22 articles in international peer-reviewed journals, an international patent and more than 15 contributions at scientific conferences. He has been involved in numerous research projects both national and European. His current research topics regard the study and development of various active materials for energy storage application.



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Lorenzo Mezzomo

Premio di Laurea FIAMM Energy Technology

Lorenzo Mezzomo received his Master degree in Materials Science in 2020 from the University of Milano Bicocca with a thesis work that involved the production of nanocomposite solid state electrolytes for next-generation alkali-metal batteries and the investigation of their self-healing capabilities. Currently, he is working in the Prof. Riccardo Ruffo's group as 2nd year Ph.D. student at the University of Milano Bicocca thanks to a fellowship focused on the development of more performant energy storage devices, with a particular focus on electrolytes development.



Mattia Reato

Premio di Laurea Photo Analytical S.R.L.

Mattia Reato graduated in Chemistry (bachelor's degree) in 2017, from the University of Padova, under the supervision of Prof. Marco Frasconi with whom he studied electrodes functionalized by self-assembled monolayers carrying redox centers. In 2019, he graduated in Chemistry, also at the University of Padova, under the supervision of Prof. Sabrina Antonello with whom he used molecular electrochemistry to study electron transfers between molecular metal nanoclusters (NCs) in solution and in the solid state. Currently, he is a PhD student working under the supervision of Prof. Flavio Maran and Dr. Sara Bonacchi. His research project focuses on the synthesis and use of metal NCs to build 1D, 2D, and 3D structures for possible applications in electrocatalysis and sensing.



Marco Bonechi

Premio di Laurea Berkem

He showed an interest in the study of chemistry from an early age, by participating in numerous chemistry competitions. These include the 2014 edition of National Chemistry Competition and the 2012-2015 Chemistry Games in which he received numerous prizes. Marco Bonechi received his master's degree in chemical sciences from the University of Florence in 2021 with a mark of 110 cum Laude and congratulations from the commission for his excellent course of study. After a scholarship and a research grant at the Applied Electrochemistry Laboratory of the University of Florence, he is pursuing a PhD in Chemical Sciences. He is currently the author of 8 scientific publications concerning molecular electrochemistry and electrocatalysis.