

Prof. Eliana Quartarone

Eliana Quartarone is Full Professor of Electrochemistry and Physical Chemistry at the Department of Chemistry of the University of Pavia (IT). The EQ's research field is focused on the design of innovative materials for energy, especially for Lithium and post-Lithium batteries. She is leader of R2BATT_lab (infrastructure of the EcoCirc project funded by Regione Lombardia), whose activities are focused on the development of novel and sustainable approaches for batteries recycling and reuse. EQ is the Batteries Europe Secretariat Technical Advisor of the BE/Batt4EU Working Group 2 "Raw Materials and Recycling" and Task Force Sustainability. She is coordinator of the: 1) HE RENOVATE project "*A circular and chemistry-neutral approach for recycling and recovery of battery waste feeds*", 2) national MUR-PRIN 2022 project *Self-healing strategies towards next-generation lithium rechargeable batteries* (HEALIB), 3) national MASE 2023 project *Riciclo sostEnibile di BaTteRiE al LiTio*: (RETREAT). EQ is also partner in several European projects on Lithium-based Batteries (HE AUTOMAT, HE BEST and I3 BATMASS) and national FISR Ampere and ORANGEES project, devoted to fundamental and applied research activities. She has active scientific collaboration with large industrial key-players in the field of energy, such as Syensqo and ENI. EQ is author and co-author of more than 140 articles (H index: 45, Scopus) and 5 book chapters.