Silvia Battistoni earned her Master's degree in Materials Science and Technology from the University of Rome "Tor Vergata" in 2013, followed by a PhD (*cum laude*) in the same field from the University of Parma in 2017. After completing a three-year postdoctoral fellowship at CNR-IMEM, she secured a position as a Researcher at the same institution. Her current work focuses on organic electronics and bioelectronics, specifically designing, assembling, and characterizing polymer-based electronic devices for sensing and neuromorphic applications. Since 2024, she has been responsible for the URT (Unità di Ricerca presso Terzi) of the Istituto dei Materiali per l'Elettronica ed il Magnetismo del Consiglio Nazionale delle Ricerche (IMEM-CNR) within the Department of Chemical Sciences and Technologies at the University of Rome "Tor Vergata". A member of the "Società Italiana di Fisica" since 2023, Dr Battistoni is an associate editor for BioNanoScience (Springer) and an active reviewer for international journals. She has actively participated in numerous project activities and coordinated the project *Hardware realization of Reservoir computing and pattern recognition systems based on deterministic and stochastic organic memristive devices* ' as the Italian Principal Investigator, in the framework of the scientific collaboration between the National Research Council of Italy and the Russian Foundation for Basic Research (CNR-RFBR). In September 2025, she contributed to the event committee for the 2nd International Online Conference on Biomimetics (chaired by Prof. Dr. Andrew Adamatzky).