

**Jessica BARICHELLO\_CV**

Dr. Jessica Barichello, an environmental scientist, specializes in third-generation photovoltaic technologies, particularly dye-sensitized solar cells (DSSC) and perovskite solar cells (PSCs). She has extensive experience in fabricating and characterizing these cells, having conducted research at multiple prestigious institutions, at Ca' Foscari University of Venice, Fraunhofer ISE in Freiburg, and IPCF-CNR in Messina, and completing her PhD at the University of Tor Vergata in Rome. As a postdoctoral researcher, she has worked on scalable fabrication techniques and transparent devices for agrivoltaic and building-integrated applications. She is currently a researcher at CNR-ISM, contributing to the NEST project.