

## **Giosuè Giacoppo - CV**

Dr. Giosuè Giacoppo is a senior researcher at the Institute for Advanced Energy Technologies (CNR-ITAE) of the National Research Council of Italy, based in Messina. He holds a degree in Aerospace Engineering and has more than twenty years of experience in hydrogen-based energy systems, electrochemical energy conversion, and advanced energy storage technologies. His work combines applied research, experimental validation, and system design, with a particular focus on sustainable manufacturing and hybrid energy architecture. Over the years, he has participated in numerous national and European research projects, contributing to the development of innovative fuel cell stacks, additive manufacturing processes for electrochemical components, and energy storage integration strategies. His expertise includes the design and testing of PEM fuel cells, the application of metal additive manufacturing (e.g., Laser Powder Bed Fusion) to the fabrication of complex bipolar plate geometries, and the use of CAD and Multiphysics modeling tools for performance optimization.