

## **Salvatore Vasta - CV**

He earned his Bachelor's degree in Mechanical Engineering from the University of Catania (Italy) in 2001 and went on to complete a Ph.D. in Materials and Chemical Engineering at the University of Messina (Italy) in 2011. His professional journey began in 2001 as a research fellow at the Institute for Advanced Energy Technologies (CNR-ITAE) in Messina, where he has steadily advanced to the position of Full Researcher since 2011 and then Senior Researcher in the 2023.

Over the years, he has been deeply engaged in research, project development, and management within the field of energy technologies, with particular expertise in solar energy systems, thermally driven heat pumps, solar cooling, and thermal energy storage. His work bridges both experimental and applied research, contributing to the development of sustainable and efficient energy solutions. He has led several scientific projects as a coordinator, including Horizon 2020 initiatives, and has collaborated extensively with national and international private sector partners. His academic contributions include four book chapters and more than 140 publications in peer-reviewed journals and conference proceedings.

Internationally recognized, he has served as an expert within the Solar Heating and Cooling (SHC) and Energy Conservation in Buildings and Community Systems (ECES) programs of the International Energy Agency (IEA). From 2020 to 2024, he coordinated SP3 Thermal Energy Storage within the Joint Programme on Energy Storage of the European Energy Research Alliance (EERA) and has served as its deputy coordinator since June 2024.