

SHORT BIO:

Pasquale Francesco Zito graduated in Chemical Engineering at the University of Calabria in 2010. After graduation, he obtained two second level university Masters in “Industrial Plants, Engineering and Technologies” and “Quality control Manager of the agri-food, biological and biotechnological supply chain” at the University of Genoa and University of Calabria, respectively. He obtained his PhD in Science and Engineering of the Environment, of Building and Energy (SIACE) at the University of Calabria in 2020. Since 2013, he started his research activity at the University of Calabria and the Institute on Membrane Technology as a fellowship within the EU project “DEMCAMER”. He was a research fellow at the Institute on Membrane Technology within the framework of the project M-era.Net “BioValue” and the project “POA – Hydrogen demo Valley: Multifunctional infrastructures for the experimentation and demonstration of hydrogen technologies”. Since November 2023, he has been researcher at the Institute on Membrane Technology. He is co-author of more than 20 scientific papers in peer-reviewed journals, 3 book chapters, various contributions in international congresses and he serves as a reviewer for several international scientific journals.

Main fields of research:

- Green Chemistry
- Separation and purification of gas mixtures by membrane processes
- Economic analysis of membrane processes for gas separation
- Mass transport of gas mixtures through zeolite membranes