

## **Giovanna Pallotta - CV**

Dr. Giovanna Pallotta, born in 1997, graduated with honours in Energy Engineering from the University of Sannio (Benevento, Italy) in 2021. She later obtained a Ph.D. in Information Technologies for Engineering from the same university in 2025. She is currently a Post-Doctoral Fellow at the Department of Engineering at the University of Sannio, where she collaborates with the Applied Thermodynamics Research Group led by Prof. Maurizio Sasso. Her research interests focus on the techno-economic and environmental assessment of innovative energy-sharing configurations, such as Renewable Energy Communities and Positive Energy Districts. Her research also explores the implementation of renewable-based and energy-efficient solutions in the building and industrial sectors, including aquifer thermal energy storage systems and high-temperature heat pumps, in collaboration with both Italian and international universities and research institutions. To date, she attended five international conferences as a speaker and co-authored 15 publications in leading international scientific journals.