

Roberto Rugani - Short Bio

Dr. Roberto Rugani is a Postdoctoral Researcher at the DESTEC Department, Engineering School, University of Pisa, where he focuses on Renewable Energy Communities (PE2 NEST, Network 4 Energy Sustainable, Spoke 8). He earned his Ph.D. with honors in April 2024 with a dissertation titled "Novel technologies for exploring Personal Comfort Systems (PCS) use in flexible office set-ups." During his PhD, he conducted research at the University of California, Berkeley, and the University of Brighton.

He received an MS in Architecture and Building Engineering with honours, in 2018, from the University of Pisa, Italy.

Roberto's research spans energy sustainability, human thermal comfort, green buildings, and dynamic energy analysis of buildings. He has expertise in laboratory measurements, post-occupancy evaluation, Computational Fluid Dynamics (CFD) simulation, and Building Energy Simulation (BES). Previously, he worked as a Research Officer at the University of Brighton and the University of Pisa.

In addition to his current research, Roberto is a member of the expert committee of the International Energy Agency (IEA) EBC Annex 87: Energy and Indoor Environmental Quality Performance of Personalised Environmental Control Systems, an ongoing project from 2021 to 2026.