

Lorenzo BARTOLUCCI-CV

Dr. Lorenzo Bartolucci is currently a Tenure Track Assistant Professor at the University of Rome Tor Vergata where he is co-lecturer of the Internal Combustion Engine course, and lecturer of Energy Laboratory. He got his PhD in Industrial Engineering in 2017 with a project on the partially stratified combustion in natural gas fueled internal combustion engines. His main research focus is on the sustainable conversion and use of energy, starting from numerical analysis for advanced combustion strategies in high efficiency ICEs, to the development of smart control strategies for hybrid renewable energy systems. He has been collaborating with several national and international institutions such as the STEMS institute, the University of Alabama and the Argonne National Laboratory, where he spent one year as a visiting scholar during his PhD. He has co-authored more than 50 papers published both in conference proceedings and international journals. He is the co-PI of the PON project AIRE, the PRIN project BEvolution and PI of several industrial projects on the development of electric and fuel cell hydrogen vehicles. From 2018 to 2022 he was co-organizer of the Advanced Combustion Session of the ICEF conference and since 2022 he has been part of the scientific board of the SDEWES conference.