

Alberto Traverso is Full Professor of Energy Systems for Mechanical Engineering. He is also adjunct Professor at West Virginia University (USA) since 2010, Research scholar at National Energy Technology Laboratory – NETL (USA) since 2009.

He started the academic career as Assistant Professor in 2005 at the Genoa Rolls-Royce University Technology Centre.

Alberto Traverso is active in the field of Advanced Energy Systems both in the experimental and theoretical fields. His main area of research is advanced energy cycles, encompassing thermoeconomic optimisation, dynamic analysis and controls, uncertainty quantification and robust design. He published more than 200 scientific papers, most of them at International conferences and Journals, 11 invited lecturers, 17 patents (Italy, US and World), 7 awards.

He is founder of two startup companies, H2Boat in 2015 and SIT Technologies in 2018.

Chair of SUPEHR conference in 2019, Chair, Vice-Chair and Point of Contact for Cycle Innovations Committee of the American Society of Mechanical Engineers (ASME) in 2009-2015, serving the ASME Turbo Expo' Conference Board since 2017, Member of the International Advisory Committee (IAC) for Gas Turbine Society of Japan (GTSJ) since 2013.