

CURRICULUM VITAE
of
Elio Jannelli

Present Appointment

Full Professor of Energy Systems , Dept. of Engineering, "Parthenope" University of Naples

Main duties

Rector's Delegate for Research, since 2017

Director of Energy Systems Lab, since 2008

Teaching at Ph.D, master and graduate courses (Power Plants, Fluid Machinery, Energy Systems)

C&O of ATENA High-Technology District for Sustainable Energy Systems, since 2017

President of ATENA Scientific Committee, since 2014 (atenaweb.com)

Director of the doctorate in Energy Science and Engineering (ESE), since 2013

Research activity

Elio Jannelli is the coordinator of the Advanced Energy Systems Group. Several researchers, between permanent staff, post docs and PH.D. students are active in the group, coming from two departments. He is expert in the fields of Hybrid Systems based on Low Temperature Fuel Cell, Gas Turbine based cycles, distributed generation system including renewables and hydrogen production and utilization. His research activity has produced many prototypes based on hydrogen and FC technology: back-up power generator; Combined heat and power plant; smart hybrid propulsion system for light passenger and commercial vehicles; innovative cartridges for hydrogen storage; microbial fuel cell reactors.

Both public and private funding have been obtained to support his research activities. PI of more than 30 research projects. In the last 10 years prof. Jannelli research project portfolio was about 30 M€ and he has obtained a budget of 15 M€ from the Italian Ministry of Economic Development for the creation of the first Smart Generation and Fuel Cell Research Centre in Campania Region.

More than 150 scientific papers authored or co-authored in his research fields have been presented at national and international conferences and published in international journals.