

## **Francesco FORNARELLI – CV**

Francesco Fornarelli is associate professor of Energy Systems for Bachelor and master's degree engineering students at University of Foggia and Polytechnic of Bari. In 2003 he has got a master's degree in mechanical engineering at Polytechnic of Bari and in 2008 a Ph.D. in fluid dynamics and environmental engineering at University of Genoa. He worked as research assistant in industry context and then he won a three year contract at University of Salento has recognized young researcher. In 2014 he started postdoc contracts at Polytechnic of Bari till he got a young researcher contract in the same university. In 2021 he got a tenured track researcher contract at University of Foggia. His main research topics are focused on energy systems specially in thermal energy storage, reacting and non-reacting flows in fluid machinery by means of numerical, analytical, and experimental approaches. He published numerous works on prestigious international journals. He is part of doctoral collegium of professors at University of Foggia and he is associated in several academic associations such as the Combustion Institute and GNFM (Italian group of mathematical physics) of INDAM (Italian national institute of high mathematics). He had numerous collaborations with international research group such as the Physics of Fluids group of Twente University (the Netherland), the von Karman Institute for Fluid Dynamics, and the Massachusetts Institute of Technology to cite a few.