

## Giorgio Micale Short Biography



Giorgio Micale received a *Laurea cum laude* in Chemical Engineering from Università di Palermo in 1993 and a PhD from Università di Napoli in 1997. He joined University College London as a Lecturer in Chemical Engineering in 2000, promoted to Senior Lecturer in 2002. He is currently Full Professor of Chemical Engineering at Università di Palermo. His early research interests were focused on the analysis of mixing processes and multiphase flows in stirred tank reactors. In 2001 he was the recipient of the “Young Researcher’s Award” by the Working Party on Mixing of the European Federation of Chemical Engineering. Research interests were also devoted in the field of Fluidization Dynamics. Current research interests are in the fields of Renewable Energy Desalination Processes, Salinity Gradient Energy and Valorization of Brines. He contributed and is currently contributing to a number of European collaborative research projects within the 7<sup>th</sup> Framework Programme, the Horizon 2020 and the Horizon Europe Programmes. In 2014 he was awarded the Senior Moulton medal by the Institution of Chemical Engineers. In 2017 he co-founded the academic spin-off ResourSeas, which was awarded the Italian National Prize of Innovation (Industrial Section) for the sustainable use of seawater following a circular economy approach. He has edited and co-authored books on “Seawater Desalination. Conventional and Renewable Energy Processes”, “Sustainable Energy from Salinity Gradients” and “Salinity Gradient Heat Engines”. He authored 225 publications indexed in the Scopus database with more than 7700 citations and Hindex equal to 49.