

## Ing. Giuseppe BARBIERI, *PhD*

Giuseppe BARBIERI (Orcid ID: [0000-0001-5583-8634](https://orcid.org/0000-0001-5583-8634)), research director at ITM-CNR ([www.itm.cnr.it](http://www.itm.cnr.it)), has a master degree in chemical Engineering – with honours - PhD in “**Chemical and new materials technologies**”. He is research director at ITM-CNR ([www.itm.cnr.it](http://www.itm.cnr.it)) and a National scientific qualification of university full professor in Chemical plants and technologies.

He is/was invited professor at the "Université de Strasbourg (France, since 2010), contract professor at the University of Calabria (Italy), responsible for 14 research and formation projects, including the coordination of EC/FP7-FCH JU LoLiPEM and M.era-NET BioValue, and participated in others 16 research and formation projects funded by the EC, MAECI, MIUR, CNR, the Calabria Region, Norwegian Research Council, and private companies. CO<sub>2</sub> and CH<sub>4</sub> separation, concentration and its conversion and hydrogen production & separation/purification with membranes, catalytic membranes and membrane reactors, both involved in the energy production from fossil and bio fuels, are specific research fields of BARBIERI's interests. Member of Scientific Council

He serves as scientific and/or technical evaluator of research and industrial projects for funding institutions such as MIUR and MISE (Italy), RPF (Cyprus), FWO and Katholieke Universiteit Leuven (Belgium), The Petroleum Research Fund (USA), Programa FONDECYT CONICYT (Chile), EU-ERC starting and consolidator grants, IF, etc. He also served as evaluator for a tenure track position in the framework of Italian MIUR “Rita LEVI MONTALCINI” action for University positions,.

He co-authored more >120 papers, a two-books set for Royal Society of Chemistry and its second edition, various chapters in books, invited lectures and seminars, and ca. 300 presentations at scientific conferences on membrane science and engineering.