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## SHORT BIO:

**Prof. Vincenzo Palma** is Full Professor of Industrial Chemistry at the Department of Industrial Engineering, University of Salerno (Italy), and CEO of the academic spin-off PROCEED S.r.l.

His research focuses on heterogeneous catalysis, nanostructured and structured catalysts, electrified catalytic reactors, membrane reactors, plasma-catalysis, hydrogen production, CO<sub>2</sub> utilization, and sustainable energy processes.

He is internationally recognized for his contributions to the development of electrified catalytic technologies and process intensification strategies for low-carbon hydrogen production. His research activities span catalytic membrane reactors, structured catalysts, ammonia cracking, methane reforming, and advanced CO<sub>2</sub> conversion processes.

According to Scopus, Prof. Palma has authored 301 scientific publications, receiving more than 7,000 citations with an h-index of 45. By 2020 he is included among the World's Top 2% Scientists according to the Stanford University/Elsevier ranking.

He has coordinated and participated in numerous national and European research projects, including FP7, Horizon 2020, PRIN and industrial programmes, and currently serves as Assistant Editor of the International Journal of Hydrogen Energy.

His current research is devoted to electrified catalytic reactors, membrane-assisted processes, plasma-catalysis, and innovative technologies supporting industrial decarbonization and the energy transition.

*Vincenzo Palma, (Industrial Chemist)*

*Full professor of Industrial Chemistry and Nanostructured catalysts for Energy and Environment at the University of Salerno – Italy*