

Short Biography:

Dr. Manuel Moliner was born in Valencia, Spain. He obtained his Bachelor of Science degree in Chemical Engineering at the University of Valencia in 2003 and completed his Ph.D. at the Polytechnic University of Valencia (UPV), in Chemistry, under the guidance of Prof. Avelino Corma. At UPV he worked on the synthesis of new zeolitic structures by using high-throughput methodologies. Afterward, he completed a two-year postdoc with Prof. Mark Davis at the California Institute of Technology (Caltech), working on the design and synthesis of functional materials with applications in industrially-relevant processes, mainly in biomass transformations. At the present, he is a Tenured Scientist of the Spanish National Research Council (CSIC), and his research lies at the interface of heterogeneous catalysis and materials design.

Dr. Manuel Moliner has published more than 45 papers in international journals, and is co-inventor of 16 international patents (6 transferred to industry). He has received different national and international awards, as the "EFCATS Thesis Award" to the best Ph.D. Thesis in Europe during 2007-2009, the "TR-35 Spain 2011" awarded by MIT to young talents in Spain under-35, or the "FISOCAT 2014" to young scientists under 40 in Latin America.