

Short Biography:

Fernando Rey (1963) received the Ph. D. degree in 1992 on 'the synthesis, characterization and catalytic applications of hydrotalcites. Subsequently, he joined the group of Prof. John M. Thomas from 1993 to 1995 at the Royal Institution of Great Britain as Post Doctoral fellow. During his Post doctoral stay, his research was focused on the development of new 'in-situ' characterization tools based on the employ of synchrotron radiation for the understanding behaviour of micro- and mesoporous catalysts. He returned to the ITQ in 1995. Since 2007, he is Research Professor of the Spanish National Research Council (CSIC).

His current area of research is focused in the synthesis and deep characterization of micro and mesoporous materials, mostly zeolites, and in their application in catalysis, adsorption and separation processes.

He is co-author of more than 110 papers in high impact Scientific Journals and numerous presentations in congresses, and currently his 'h-index' is 40. Also, he is co-inventor in more than 45 patents related to the synthesis of new porous materials and their application in different industrial processes. Some of these patents have been licensed to industries.