

## Biography Professor Rios :

**Prof. Dr. Ing. Gilbert M. Rios** has an initial background in Chemical Engineering and Automatics. During his career at University, he held different positions in food and chemical engineering. At present he holds an emeritus position at the Ecole Nationale Supérieure de Chimie and at the European Membrane Institute (IEM UMR 5635) in Montpellier (France). He is an expert in the field of Membrane Technologies. Other of his activities are related with Supercritical Fluids and Fluidization. He is the author of more than 120 papers in International Journals or Congress Proceedings, and more than 100 oral or poster presentations in International Conferences. He is a Fellow of the Institution of Chemical Engineers (London), as well as a Member of the European Membrane Society (EMS) and of the Working Party on Membranes of the European Federation of Chemical Engineering (EFCE).

Gilbert M. Rios acted during 5 years as the coordinator of the European Network of Excellence on “Nanoscale-based membrane Technologies” (NanoMemPro-FP6 NMP).

He is serving today as the Chief and Executive Officer (CEO) of the European Membrane House, the Durable Integrated Structure (DIS) created to continue the action of NanoMemPro ([www.euromemhouse.com](http://www.euromemhouse.com)). As such, he is involved in new European projects and platforms, with a number of operations directly related to membrane technologies for water and the contribution of nanotechnology. Among others, we shall mention the recent publication by the EMH in relation with the WssTP (European Technology Platform for Water) of a report on “Membrane technologies for water applications (March 2012), the participation of the EMH as work package leader in the ChemWater project ([www.chemwater.eu](http://www.chemwater.eu)) or the involvement of the EMH in think-tanks on nanotechnology (see “Nanofiltration and nanostructured membranes-should they be considered nanotechnology or not?”- Journal of Hazardous Materials 211-212/ 2012/ pp. 275-280).

Gilbert M.Rios is also the deputy-director of SIMEV, a UNESCO chair on “Membranes for the environment” (<http://chaireunescosimev.euromemhouse.com/>). As such, he is working on practical questions concerning education and R&D for a better implementation of membrane technologies for developing countries, with a lot of applications concerning the triptych “water/health/energy”.