

## Curriculum Vitae

### Professor Alexis Lycourghiotis

Dr. **Alexis Lycourghiotis** is professor of Catalysis in the Department of Chemistry of the University of Patras. He is also coordinator and tutor in the Hellenic Open University for the M.Sc. program entitled "Catalysis and Protection of the Environment".

Dr. Alexis Lycourghiotis obtained his diploma (Chemistry) in 1971, his Ph.D. (Catalysis) in 1974 and his readership 1978 (Catalysis) from the University of Patras. He worked as research fellow for two years at the Université Catholique de Louvain, Groupe de Physico-Chimie Minérale et de Catalyse (Louvain la Neuve, Belgium).

Dr. Alexis Lycourghiotis research interests are focused on Heterogeneous Catalysis, Interfacial Chemistry, Catalysts Preparation, Surface Characterization, Oil Upgrading, Bio-Fuels and Environmental Catalysis. His group developed a supported catalyst preparation technique called Equilibrium Deposition Filtration (EDF) based on the detailed study of the interfacial region created upon impregnation of a carrier with an aqueous solution of the ionic species carrying the active metals. In the context of this research two modern methods (potentiometric mass titrations, differential potentiometric titrations) for determining the PZC of solid (hydr)oxides, as well as the mechanism of protonation of these materials in suspensions have been recovered.

Dr. Alexis Lycourghiotis is author or co-author of 126 research publications in peer review international journals (<http://www.researcherid.com/rid/G-1125-2010>), 12 articles in book series, 1 chapter in the international book (Synthesis of Heterogeneous Catalysts, Wiley, 2009), 7 articles in Greek scientific journals, 7 textbooks (in Greek language, 3 of them suitable for distance learning), more than 75 presentations in national and international conferences. He have created web cast and video lectures as well as hyper text

educational material. His research work is cited more than 2250 times and his H index is 28. He acts as reviewer in more than 15 peer review scientific journals. He participates in the editorial board of the 'Catalysis Open Journal'. He was guest co-editor of a special issue of Global NEST Journal (2010) entitled: "Development and Evaluation of Sorbent Materials for Environmental Applications".

Dr. Alexis Lycourghiotis has supervised 10 Ph.D. awarded studies. 2 Ph.D. are now in progress. He participated in 9 international and national research projects acting as coordinator in the most of them. He has close collaboration at international level with Instituto de Catalisis y Petroleoquimica, CSIC, Spain and the Institute of Catalysis, Bulgarian Academy of Science, Bulgaria.

Dr. Alexis Lycourghiotis has been Head of the Department of Chemistry, University of Patras (1987-1988), Rector of the University of Patras (1988-1994) and President of the Board of Directors of the Hellenic Open University (1995-2004). He is now President of the National Council of education. He is a member of the Hellenic Catalysis Society (Funding member, Member of the 1<sup>st</sup> board, President 2000-2002), and the Greek Chemists' Association.