

Christos Kordulis, Ph. D., Professor



Dr. Christos Kordulis is professor of Catalysis at the Department of Chemistry of the University of Patras. He is also collaborating faculty member of the Institute of Chemical Engineering Sciences (ICE-HT/FORTH) as well as Director and tutor at the Hellenic Open University for the M.Sc. program entitled “Catalysis and

Protection of the Environment”.

Dr. Christos Kordulis obtained his diploma (Chemistry) in 1980 and his Ph.D. (Catalysis) in 1985 from the University of Patras. He worked as research fellow for one year at the Université Catholique de Louvain, Groupe de Physico-Chimie Minérale et de Catalyse (Louvain la Neuve, Belgium). He obtained Certificate of Post Graduate Studies in Open and Distance Learning (1999) from Hellenic Open University.

Dr. Christos Kordulis 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 discovered.

He is author or co-author of several research publications in peer reviewed international journals (see www.researcherid.com/rid/F-7982-2010 or www.publicationslist.org/kordulis), 1 patent, 8 articles in book series, 8 textbooks (in Greek language) more than 80 presentations in national and international conferences. His research work is cited more than 1600 times (without self-citations) and his H index is 27 (WOS 14/12/2015). He acts as reviewer in more than 20 peer review scientific journals. He participates in the Editorial Boards of The Scientific World

Journal (Chemical Engineering), Journal of Applied Chemistry, and The Open Catalysis Journal. He has been guest co-editor of a special issue of Global NEST Journal entitled: “Development and Evaluation of Sorbent Materials for Environmental Applications”.

Dr. Christos Kordulis has supervised 7 Ph.D. and 27 M.Sc. awarded studies. 1 Ph.D. are now in progress. He has participated in 5 international research projects (Coordinator in 1) and 11 national research projects (Coordinator in 3). He has close collaboration at international level with the Instituto de Catalisis y Petroleoquimica, CSIC, Spain and the Institute of Catalysis, Bulgarian Academy of Science, Bulgaria. He is coordinator of a research network entitled: “Development and Evaluation of Sorbent Materials for Environmental Applications” in which participate research groups from 10 Universities and Institutes (for details visit www.arys.upatras.gr)

Dr. Christos Kordulis has been Dean of the School of Natural Sciences, University of Patras (2010-2014). He has been Deputy Head of the Department of Chemistry, University of Patras (2009-2011). He has been Director of the Division of Applied, Analytical and Environmental Chemistry, Department of Chemistry, University of Patras (2007-2009). He is a member of the Hellenic Catalysis Society (Funding member, Member of the 1st board, Treasurer 2000-2002), and the Greek Chemists' Association.

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Useful links

Departmental & Personal website:

www.chem.upatras.gr/faculty/kordulis

<http://www.iceht.forth.gr/staff/kordulis.html>

List of Publications:

www.publicationslist.org/kordulis;

www.researcherid.com/rid/F-7982-2010

Research Network:

www.arys.upatras.gr