

Jerzy J. Zajac is a Professor of Chemistry at the University of Montpellier. He is currently responsible for the development, realization and teachings of the first year of a master program in the field of Materials Chemistry. He is the head of the laboratory of Aggregates, Interfaces, and Materials for Energy in the Charles Gerhardt Institute of Montpellier.

He received his M.Sc. in Physical Chemistry from the University of Mining and Metallurgy in Krakow. He then joined the Faculty of Fuels and Energy at the same university, where his early research was in the area of adsorption at different interfaces. Subsequently, he turned his attention to the adsorption from solution onto solids, focusing on thermodynamic aspects and modeling of the phenomenon. He received a Ph. D. in Chemistry from the Maria Curie-Skłodowska University in Lublin in 1988 under the supervision of Prof. W. Rudzinski. In 1988 he became a lecturer in the Department of Physical Chemistry at the University of Mining and Metallurgy in Krakow. A 1991 French Government Fellowship supported a post-doctoral position at the University of Montpellier, where he collaborated with Dr. S. Partyka on thermodynamics of micellization and adsorption of surfactants in aqueous media. As a lecturer at the University of Montpellier 2, he was continuing his theoretical and experimental research on interfacial phenomena, developing a thermodynamic approach based on the use of modern microcalorimetry. Besides interfacial phenomena and mechanisms, his actual research interest also includes design, conception and determination of surface properties of ordered porous materials for applications in Environmental Remediation. Microcalorimetry and thermodynamics of the phenomena studied still remain his favorite tools. He has published about 100 papers and review articles in refereed journals and books, and has been involved in many research projects supported financially by the French National Research Agency and the European Community.