



BIOSKETCHES OF CONSTANTIN VAHLAS

Constantin Vahlas is research director at the French National Center for Scientific Research (CNRS). He heads the Surface Reactivity and Functionalization group (25 members) at the Inter-University Materials Engineering Center (CIRIMAT) in Toulouse. Over the past twenty eight years, his research interests have revolved around gas–solid interactions and chemical vapor deposition. His actual research is focused on metalorganic CVD of architected, (multi-)functional metallic and oxide films and particles on flat and complex surfaces and on powders for applications in space, pharmaceuticals or sensors.

Constantin Vahlas received a Chemical Engineering degree from the National Technical University of Athens, and a Doctorate in Metallurgy from the National Polytechnic Institute of Grenoble. He has held visiting fellowships at the Oak Ridge National Laboratory and at the Universities of Pau and of Delaware. He was director of an Integrated Laboratory on Advanced Coating Technologies in the frame of a European Network of Excellence (2006-2010), and of an integrated CNRS unit on functionalization of complex in shape surfaces by gas phase processes (2008-2011), and of the Materials Science interdisciplinary program of CNRS (2009-2012). He is actually member of the Materials Science Expert Committee of the European Science Foundation. He is member of the Editorial Advisory Board of *Ceramics International* and is the guest editor of two special issues of the journal *Chemical Vapor Deposition* focused on CVD on powders and on complex surfaces. He has coauthored more than 170 publications in international journals and conference proceedings among which nine review articles, editorials and science position papers, published five book chapters and holds five patents.