

**Gregory Abadias** is a Professor at the Physics Department of the University of Poitiers, France. He received his Ph.D. degree in Materials Science in 1998 at National Polytechnic Institute of Grenoble (INPG), and he is currently Group Leader of thin films activities at CNRS Pprime Institute in Poitiers. He conducts research on a range of topics related to nanoscale thin films, including mechanical, electrical and optical properties of metallic, nitride or oxide systems, as well as hard and protective coatings in the form of nanocomposites or multilayers. His current research interests focus on the understanding of thin film growth dynamics using real-time and in situ diagnostics as well as computational modelling, with main emphasis on growth manipulation strategies to control morphology and stress development in sputter-deposited metal layers. He is co-author of more than 160 papers in peer-review journals and one book chapter on stress in PVD thin films. He was member-elected to the Scientific Council of the Physics Institute of CNRS (2019-23), and he is French representative of the Surface Engineering Division of IUVSTA for 2022-25 triennium. He has been involved in the organization of several symposia or workshops at international conferences (ICMCTF, EMRS) and serves as Editor of *Surface and Coatings Technology Journal* since 2016. He received in 2024 the Bill Sproul Award from the Advanced Surface Engineering Division of AVS.