



CV:Seddik BACHA is Professor at the University of Grenoble since 1993. He received his diploma of Engineer and Magister in electrical engineering from the National Polytechnic School of Algiers, respectively in 1982 and in 1990. He obtained his degree doctorate in electrical engineering and his diploma of habilitation to lead research from Institut National Polytechnique de Grenoble respectively in 1993 and 1998. Within the Electrical Engineering Laboratory of Grenoble (G2Elab), he has been leading for ten years the Power Systems Group. The activities of this group are mainly focused on the new energy framework and its implications for the Distribution and Transmission Systems. He has served as well as Deputy Director of GDR SEEDS during one mandate. Currently he is Scientific Director of Architectures Program within the Institute for Energy Transition “Supergrid Institute”. His personal work deals with the optimization of energy flows in microgrids, the integration of renewable energies, the real-time control of unconventional loads (V2G, Intelligent Building) and finally HVDC systems.