Valerio Mariani was born in 1979 in Florence, Italy. He received the Ph.D. degree in automatic control from the University of Sannio, Benevento, Italy, in 2014. He has been working several years in the railway and automotive industry as electronic/control engineer and then rejoined University of Sannio as senior PhD. There he worked in many European and National projects, coordinating and tutoring PhD students. Recently, he joined the Department of Energy Technologies and Renewable Energy Sources at ENEA, in Naples, where he works on power systems and smart grid modeling, control and algorithms development. His research activities include stability analysis, optimization and MPC for power systems, electric vehicles and regenerative braking.