



Lucian Toma received the B.Sc. and Ph.D degree in electrical power engineering from the University “Politehnica” of Bucharest in 2002 and 2010, respectively. Currently he is associate professor at the same university, at the Department of Electrical Power Systems. His fields of interest include power system dynamics, computer modeling of power system components (including FACTS devices and HVDC), smart grids and electricity markets. Since 2014 he is the representative of Romania in the CIGRE B4 Study Committee on “HVDC and power electronics”. Dr. Toma is coauthor of the books “*Power System dynamics: modeling, stability, and control*” and “*Advanced Solutions in Power System: HVDC, FACTS, and Artificial Intelligence*”, published by IEEE Press and Wiley within the Power Engineering Series, as well as over 60 papers published in journals and conference proceedings. He was engaged in 9 international and 10 national research grants, and 10 consultancy projects for industry. In 2009 Dr. Toma has co-organized the IEEE PowerTech Conference in Bucharest. Starting 2018 he is the Vice-Chair of the IEEE Romania Section.