



Roberto Zanino received the M.Sc. degree in nuclear engineering (*magna cum laude*) and the Ph.D. degree in energetics in 1984 and 1989, respectively, from Politecnico di Torino (PoliTo), Italy. In the 80's and 90's he spent long periods at the Max-Planck Institut fuer Plasmaphysik in Garching, Germany, and at the MIT Plasma Science and Fusion Center in Cambridge (MA) USA. Since 2000, he has been a Professor of nuclear engineering at Dipartimento Energia, PoliTo; since 2011 he is the Head of graduate studies in Energy Engineering at PoliTo; since 2017 he is the Vice President of the Italian university consortium for nuclear technologies (CIRTEN). He is the author or coauthor of 150+ papers in international journals, devoted to computational modeling in different fields of relevance for nuclear fusion (superconducting magnets and cryogenics, plasma-wall interactions, high heat flux components, ...), nuclear fission (Gen-IV lead-cooled fast reactors) and concentrated solar power (central tower system receivers). According to the Scopus database his h-index is 21. He is responsible of several courses at PoliTo, including Thermal fluid dynamics at the BSc level, Computational thermal fluid dynamics and Fusion reactor engineering at the MSc level. Prof. Zanino is a senior member of the Institute of Electrical and Electronic Engineers (IEEE), a member of the American Nuclear Society (ANS) and a member of the American Society of Mechanical Engineers (ASME).