



Elena HELEREA (Life Member IEEE '01) received the M.Sc. degree in Electrical Engineering from the Transilvania University of Brasov in 1970. In 1987 her postgraduate research in the Electrical Machines Department of the Polytechnic University of Bucharest was awarded with PhD Degree, for the thesis: "Study on the quality of plastics electroinsulation used in automotive and aviation". Beginning with 1999 she was full professor in Faculty of Electrical Engineering and Computer Science, Transilvania University of Brasov. Course development: Materials for Electrical Engineering; Passive Components; Electrotechnics; Power Quality; History of Electrical Engineering. She published more than 250 scientific papers on electrical materials, efficiency of energy, power quality, electromagnetic compatibility and education.