

STEPHEN A. SEBO

- Professor Emeritus of Electrical and Computer Engineering, The Ohio State University,
- M.S.E.E. 1957, Budapest Technical University, Hungary,
- Ph.D. 1966, Budapest Polytechnical University and Hungarian Academy of Sciences.

Between 1957 and 1961 he was a Laboratory and Test Engineer of the Budapest Electric Company. He was a faculty member of the Budapest Polytechnical University between 1961 and 1967. He spent 1967-1968 at Columbia University, N.Y., with a Ford Foundation Postdoctoral Fellowship. In 1968 he joined The Ohio State University (OSU). He was an Associate Professor until 1974, and a Full Professor until 2003.

Dr. Sebo is the 1981 recipient of Edison Electric Institute's Power Educator Award. He received the 1982 Best Paper Award of the IEEE Power Engineering Society with Ross Caldecott. In 1982 he was appointed the American Electric Power Professor at OSU. In 1995 he was appointed the Neal A. Smith Professor at OSU. He was named Technical Person of the Year by Columbus Technical Council in 1994.

He has authored or co-authored many technical papers. He is a Life Fellow of the IEEE, and has been active in the IEEE Power Engineering Society, and in the IEEE Dielectrics and Electrical Insulation Society.

Dr. Sebo's research has been conducted in the fields of Electric Power Systems and High Voltage Engineering. The principal topics were the ground return current distribution along overhead power lines considering the end effects, interference caused by overhead power lines and cables, the study of power line corona effects, voltages induced by high voltage power lines, environmental effects of electric power transmission systems, electromagnetic fields of AC and HVDC transmission stations, RF noise caused by HVDC converter station operation, RF impedance measurements on large station equipment, hybrid (AC and DC) power line corona effects, magnetic field shielding, fog chamber development, high voltage insulator performance, overvoltages, small gap performance, live-line maintenance related tests, EMC performance of FACTS stations, and partial discharges. His major research accomplishment was the pioneering of the scale modeling techniques of high voltage AC and HVDC transmission stations.

He was the Public Member of the Power Siting Board of the State of Ohio between 1998 and 2004.

Dr. Sebo retired in 2003. Since 2003 he has been a Professor Emeritus. He taught the High Voltage Engineering course at OSU until 2015. He is still (somewhat) active in research and IEEE service in the electric power and high voltage areas. His latest research activities focused on high voltage engineering, diagnostic measurements, electromagnetic field (EMF) and safety issues.

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