

Emil A. Budde

Honorary Member 1912

DR. Emil Arnold Budde, prominent German scientist and electrical engineer, was elected an Honorary Member of the Institute January 12, 1912. Doctor Budde was born July 28, 1842. He was educated at the gymnasiums of Arnsberg and Dusseldorf and at the University of Bonn, where after graduation he became assistant in mathematics and physics. During the Franco-German war he was a war correspondent for the *Koln Zeitung*, later becoming editor and then foreign correspondent. In 1887 he opened a private laboratory in Berlin and in 1892 was appointed physicist with the Siemens and Halske Company, of which organization he was director from 1893 on, for many years. He contributed largely to German scientific publications. Doctor Budde was official delegate for Germany with Helmholtz at the International Electrical Congress at Chicago in 1893. He was one of the founders of the Verband Deutscher-Electrotechniker of which he served as secretary and later president. He was president of the International Electrotechnical Commission succeeding Dr. Elihu Thomson. Doctor Budde died August 19, 1921.

scheme was perfected and the regular transmission of current at 10,000 volts to the city was initiated. The large Ferranti power plant at Hollinwood was started in 1895. In the construction of this and other early power plants, Mr. Ferranti showed great ingenuity in overcoming the difficulties which were constantly arising. In recent years Doctor Ferranti had been interested chiefly in radio developments and devoted exhaustive study to audio-frequency transformers, which he brought to a high degree of perfection. His contributions to the profession have been marked. In 1910 Doctor Ferranti was elected president of the Institution of Electrical Engineers, of Great Britain, and in 1926 was elected to honorary membership in this institution. On January 12, 1912, Doctor Ferranti was elected an Honorary Member of the A.I.E.E. His death occurred January 13, 1930. He received the honorary degree of Sc.D. from the University of Manchester in 1911; in 1924 he received the Faraday medal of the Institution of Electrical Engineers, and in 1927 he was elected a fellow of the Royal Society.

