Electrical Engineering Society.

At the February meeting of the Electrical Engineering Society last Friday evening, Mr. Chas. L. Norton, '93, of the Physical Department of the Institute, and an honorary member of the Society, gave a most interesting and instructive lecture on the X-rays. Mr. Norton has made a special study of these phenomena during the past year, and may be considered an authority on the subject. After a few words about the discovery of these rays by Roentgen, Mr. Norton described briefly the three principal means of producing them, from induction coils, influence machines, and high frequency coils, mentioning incidentally that the largest one of the latter in the world, made for Professor Thomson of Lynn, is now in the possession of the Institute.

After leading up to the subject by showing discharges through Geissler tubes of various sorts and different degrees of exhaustion, he then exhibited various properties of the rays with the aid of a fluorescent screen. Mr. Norton then exhibited with the aid of the lantern a large number of slides of great variety, showing in novel ways the difference in the transparency of substances as regards light waves and these rays.

A most interesting part of the lecture was the description of a method devised by Mr. Norton, of producing a current suitable for the production of the rays from an induction coil without the use of the troublesome circuit breaker.

The method is, but a few days old and was thus made public for the first time.

At the close of the lecture Mr. Norton expressed his great interest in the Society, and his desire to be of service in any possible way. He was assisted in the manipulation of the large amount of apparatus used, by Mr. Ralph R. Lawrence, and both gentlemen were given a vote of thanks by the Society.