
THE INTEGRAL 1907

Membership in the local branch is limited to those members of the faculty who are members of the parent body, and to the seniors and juniors of the electrical department who have the privilege of joining for three consecutive years only. A fee of three dollars per annum is charged for the monthly proceedings of the parent body which contain the papers and discussions of the ten regular meetings in New York. Applications for student membership must be made on special forms, which call for a brief synopsis of the education and experience of the student. These can be obtained at any time from the chairman and local secretary.

Each year the parent body offers a gold medal and certificate to the student who submits the best thesis or record of research on theoretical or applied electricity or magnetism. This is known as the Edison Medal and the thesis or record of research is judged by the Edison Medal Committee, which was organized in 1903 to commemorate the achievements of the great inventor. Only two qualified students from the same school can compete during the same year. Information in regard to the qualifications for the contest can be obtained from the chairman.

The following is the schedule of the meetings of the local branch for the present year:

Insulating Materials, J. S. Smalley; Parallel Operation of D. C. Generators, J. C. Hail; Rating of Street Ry. Motors, T. A. Banning, Jr.; Train Lighting Systems, M. Gilmore; The Operation and Commercial Value of the Nernst Lamp, A. T. Eustice; Discussion of "The Current Transformer," A.I.E.E. Proceedings, E. E. Campbell; Brushes and Brush Holders, E. J. Sigwalt; Some Experiences in Electric Ry. Building, Charles Jones, Chief Engr., Aurora, Elgin & Chicago Electric Ry.; Discussion of "Electric Motor vs. Steam Locomotives," A.I.E.E. Proceedings, M. V. Stagg; Electrification of West Shore Ry., H. R. Badger; Automatic Electric Signals, J. E. Saunders; Multiple Unit Control, C. S. Henning; A.I.E.E. Paper on Lightning Protective Apparatus, H. M. Wheeler; Electrical Development at Niagara Falls, F. M. Sturgess; Telephone Systems; Fred Clarke.

