MECHANICALS BANQUET WITH NOTED SPEAKERS
Election Returns Give Purinton As New Chairman For Society.

"Technical school is not the education of an engineer,—it is merely the foundation upon which the complete structure of education is built by work, experience and further study." So Mr. Cha. T. Main, '76, expressed his ideas of the engineer and his training before the banquet of the Mechanical Engineering Society last evening.

Mr. Main, who has been prominent in the American Society of Mechanical Engineers and is the president of the Boston Engineers' club, and Mr. William Kent, author of Kent's Hand Book and well known engineer, were the principal speakers on the program. Mr. Main, who was introduced by Chairman Tread, gave much valuable advice to young engineers.

He dwelt at length upon the code of ethics which is engaging the attention of the engineering societies at present. He closed with a statement of his opinion of the elements demanded of the successful engineer. Mr. Kent brought the greetings of the parent A. S. M. E., of which he is a charter member, and centered his remarks upon the rotation of "Engineering and Heroe Sense." He

FRESHMEN ADVISORS
Upper-Classmen Urged To Attend Meeting This Noon.

This noon, at 12, there will be a meeting in the Union of all upperclassmen who wish to act as advisors for the Freshman class of next year, as Dean Burner, who is in hearty sympathy with this branch of the T. C. A.'s work, is expected to be present. It is to be hoped that enough men will report to fill the vacancies left by graduating Seniors.

Mr. L. R. Talbot, the General Secretary of the T. C. A., will also be at the meeting to outline the plan and explain any details desired.

Drill This Afternoon
Thursday Battalion Will Report At Two O'Clock.

The Thursday battalion will drill this afternoon at the usual hour. It is important that all men attend some of the time is to be given up to explanation of the rifles, naming of parts and general information. Skirmish work will also be reviewed and perfected. This is the last drill before the governmental inspection, which comes next Wednesday.

GENERAL ELECTRIC HEAD GIVES TALK
Mr. E. W. Rice Speaks on Rapid Progress of Electrical Industry.

At the annual banquet of the Electrical Engineering Society, as the guests of Prof. Jackson, at the Engineers' club last evening, the following officers were elected: President, Lorin G. Miller; vice-president, K. K. Boyenton; secretary, D. B. Baker; treasurer, A. J. Hoedemaker.

Rice, former president of the General Electric Company, was the speaker. He reminisced about the growth of the electrical industry. He took up the invention and gradual perfection of the arc light by Professor Thompson and himself. Then the lighting of greater and circuit breaker, how they are fashioned and their first crude form, were dwelt upon.

Mr. Rice also spoke of the erroneous notions which prevailed thirty years ago concerning various electrical phenomena and how they hindered the growth of the electrical industry. The lack of good instruments was also a drawback. Mr. Rice believes, however, that the great progress of the electrical science as contrasted to the other sciences is due to the fact that the electrical engineer had more delicate means through better instruments for measuring the quantities with which he was working. The invention of the transformer and its effect upon lighting arrangements was next taken up.

The traction problem occupied the latter part of Mr. Rice's talk. He spoke of the carbon brush at length. Without it, in Mr. Rice's opinion, we would not have the street railway system of today. The first attempt at electric railroading with the weak motors of that time, without carbon brushes, only resulted in disaster. Cars could neither be depended upon to keep time nor to even run. It was necessary to "urge" the motors along with the greatest care. It was the carbon brush that revolutionized all this. It allowed the motors to run for an unlimited distance and permitted sparking. The street railway industry immediately made rapid strides.

When asked Mr. Rice spoke on "big business." He claimed that the present current idea that electrical trusts are detrimental to the welfare of society is exaggerated.

FRESHMAN BOARD
There will be a meeting of the Executive Board of the Freshman class in the Union at 4 o'clock on Friday. May 11th. Important business in regard to various financial matters is to be taken up and a full attendance is desired.

FOURTH DIMENSION GOES TO DEFEAT
Prof. Wilson Explains Its Everyday Use—Name Merely Conventional.

Prof. Wilson's talk on "The Fourth Dimension" last night at the Chemical Society smoker proved to be one of the biggest drawing cards of the year. Prof. Wilson spoke for a full hour to an audience which completely filled both rooms at the Union, and which, instead of being tired at the close of his talk, was almost another hour answering questions.

"As much as we live in a world of three dimensions, it is impossible for us to visualize a fourth. Prof. Wilson, however, explained that this was unnecessary, since the whole idea and indeed the name "fourth dimension" is merely an effort to put algebraic language into geometrical forms, to make it more easily of comprehension. He explained that equations in four, five or more unknowns, which are not at all uncommon in many lines of ordinary work, are, if the simile is followed out, expressions of four, five or more dimensions, but to consider them as such involves much more complicated reasoning than to consider them merely from an algebraic point of view."

President Dickson of the Society announced that the date of the annual banquet had been set for Tuesday, May twelfth, the place being the Coplay Square Hotel, and the price $1.25 per plate. He also announced that Prof. Talbot is to talk to the Society in the near future, the date and subject to be given out later.

Weather
For Boston and vicinity: Rain, easterly to southeasterly winds.

Ad X

Calendar
Thursday, April 30, 1914.
1:30—T. C. A. Advisors. Union.
3:00—Thursday Battalion Drill.
4:00—Crew Pictures.
5:00—State Committee Meeting.
8 Eng. C.
6:00—tennis Entries close.
9:30—Architectural Engineering Society Smoker.
Friday, May 1, 1914.
1:30—Suffragist Convocation. Huntington Hall.
4:45—1317 Executive Board.
Saturday, May 2, 1914.
2:30—Holy Cross Track Meet. Field.

In Charge of This Issue:
Associate: P. N. Cristal, '17; H. W. Rounds, '17.