

ABOLISHMENT OF TECH NIGHT PROPOSED

SENIORS ASSURE SECOND ENDOWMENT FUND

SENIORS FAVOR ENDOWMENT FUND BY 241-57 VOTE

Committee Will Present Details
of Insurance Plans to
Officers Soon

Bursar H. S. Ford Declares Last
Year's Plan Best Yet
Advanced

TO SUBMIT FINAL PLAN
TO APPROVAL OF CLASS

By a vote of 241 to 57 the Seniors expressed their favor of an endowment fund for the Class of 1924 at the elections last Wednesday. The question was inserted in the ballot for the selection of the members of the Senior Class Day Committee and read as follows: "Do you approve of the general plan of providing a Class of 1924 Endowment Fund through endowment life insurance and do you authorize the class officers to put into effect such an endowment life insurance plan as seems best to them?"

The results serve as a decisive vote of confidence in the policy which the Class officers have proposed and will determine the action of the class in the matter. The Endowment Insurance Committee which was appointed during the early part of last term and which consists of B. J. Fletcher '24 chairman, H. K. Clark '24 and J. W. Cannon '24 will assume control of the matter.

Submit Plan to Class
This committee was appointed in order to take official charge of matters relating to the endowment fund and to answer all inquiries of insurance companies about that fund because the class officers felt at the time that they would not be able to carry the additional burdens of the matter. It has completed all work in interviewing the various insurance companies and will submit a report to the Class officers within a week.

The officers of the Class will consider the matter carefully and will submit the results of their deliberations to the approval of the Class. The attitude of the Class will be determined either in a special election held for the purpose or in some sort of a Class

(Continued on Page 4)

USE OF RECTIFIER IN POWER WORK PROBABLE

Professor Dellenbaugh Advances
This Belief

"I believe that rectifying devices will in the future be used on very large power installations," said Professor E. S. Dellenbaugh Jr., of the Electrical Engineering department, in a talk on filters at the meeting of the M. I. T. Radio Society, Wednesday evening in room 5-33b. In supporting this prophecy he cited cases where rectifying tubes of large capacity have already been used in electric locomotives to make it possible for them to run with direct current motors from an alternating current supply.

A discussion of the theory of several different filter circuits for radio work was given by Professor Dellenbaugh. The comparative advantages and disadvantages were shown, and the arrangements best adapted for specific purposes described. The discussion led up to a filter circuit which Professor Dellenbaugh has developed and now has in use, which smooths out rectified sixty cycle alternating current sufficiently for use directly on the plates of the tubes of a receiving set. The direct current obtained from the filter, Professor Dellenbaugh claimed, was so well smoothed out that no hum could be detected when the output was used to operate a Western Electric power amplifier.

Are you Interested In?

1. Who stood first in the fraternity scholarship ratings for the first term?
2. How many credit hours of work were done by Fraternity men during the first term?
3. Which were the 15 chapters that improved?
4. Which were the 17 chapters that did worse?
5. How do 24 of the chapters rank based on a three year study?

The answers to the above questions will appear in Monday's issue of The Tech.

CREW WEEK STARTS MONDAY IN A DRIVE FOR 250 MORE MEN

Is First Campaign of Its Kind
at Institute to Get Men
For a Sport

REGATTAS TO BE HELD
FOR ALL OF THE CREWS

For the first time in the history of the Institute, a sport is to make an organized drive to get men out. Crew Week will be held next week in the interest of getting men for the regattas of which there are to be several varieties. The red and gray button posters on the bulletin boards have been the advance notices of the drive.

At least 250 men are wanted and Coach Haines guarantees every man who comes out personal instruction and a place in one of the shells. No cuts are to be made this year and every eight is to race in regattas to be held each week. Races are arranged to be run off between Technology crews and corresponding crews from Harvard.

Buttoned Men to Give Information.
There will be men in the corridors and at the booth in the main lobby all next week wearing the red and gray buttons and these men are prepared to give all the information that is desired by prospective candidates. Coach Haines is desirous of obtaining as many men as possible and he stated that weight will make no difference as there are to be crews of all weights including a fat man's if there are enough of the latter class.

Men are wanted out now, especially those who have not had any previous experience, as these men will be given preliminary training before being put on the machines. Besides getting candidates for the crews, the purpose of this campaign is to get the entire student body interested in the sport and raise it to the importance that it occupies in colleges such as Princeton, Harvard, and Yale.

Crews to Take to Water Next Month
There will be varsity crews, class crews, 150 pound crews, scratch crews, and ineligible crews. New rowing machines have been bought and are installed, ready for use as soon as the men are procured.

T. C. A. FURNISHING LEADERS FOR CLASSES

The Industrial Service Department of the T. C. A. R. E. Swift '24, director, will furnish the leadership for a new class which starts at the Cambridge Y. M. C. A. tonight. The class will take up the principles of practical applied mathematics under J. L. Lietz '24. The class will contain six men and will meet from 7:30 to 9:00 Friday evenings for 12 weeks. Another class led by H. H. Taylor, Jr. '25 has been meeting at the East Cambridge jail for the past two months.

Yesterday morning a Chinese student spoke at the regular meeting of the Brookline Women's Morning Club on "The Political Situation in China." The Foreign Student Department, H. R. Greatwood '24, director, made arrangements for the speaker.

SMALL NUMBER VOTE IN CLASS DAY ELECTIONS

Hosbach and Carothers Elected
Marshals — Hereford and
Marsh Even

FIVE PER CENT OF MEN
VOTE IN WRONG MANNER

15 Ballots Disqualified for
Not Indicating Order
of Choice

With less than 50 percent of the class casting votes, the Seniors elected last Wednesday three Class Day Marshals and 25 members of the Senior Class Day Committee. The Marshals elected are Ernest Hosbach with 47 votes, A. D. Carothers with 37 votes while L. P. Marsh and Rockwell Hereford are tied with 35 votes each. In the event of a tie the election of Marsh and Hereford will be taken up at a meeting of the officers of the Class of 1924 in the near future.

The Marshals supervise all of the activities during Senior Week, acting as chairmen of the Senior Week Committee. Ernest Hosbach, who received the largest vote, has occupied many positions at the Institute, being General Chairman of the All-Technology Smoker, and a member of the Junior Prom Committee in 1924. He has also been chairman of the dormitory executive committee and chairman of the Sum-

(Continued on Page 4)

FETE CHARETTE IS TWO WEEKS AWAY

Course IV Students to Combine
With Harvard in Largest
Annual Dance

The Fete Charette will take place this year on February 25 in the Rogers Building starting at 9 o'clock. This is the largest affair which the Course IV men have and is held in conjunction with Harvard School of Architecture.

The three lower floors of Rogers Building will be given over to the merry-makers. Practically the entire main floor will be used for dancing, and a second orchestra will provide for the overflow on the next floor.

The Midnight Frolic which is to be staged by the Harvard students as their share of the entertainment, will be held in Huntington Hall.

Present students and graduates since 1915 of both Technology and Harvard Architectural schools; members of the Museum School of Fine Arts; Mr. C. Howard Walker's School, and the Boston Architectural Club, have received announcements of the fete, and applications for tickets are obtainable only through members of the two schools and until February 11. The number of guests will be limited to one per member. After that date, application blanks will be issued to the members of the two schools as desired.

No one will be allowed to enter the Infernal Regions without an appropriate costume and tickets will not be procurable at the door.

The Faculty of both Technology and Harvard have taken a keen interest in the affair. Last year, Professor Haffner, of Harvard, designed the invitations and allowed the Harvard men to plan the decorations as a part of their course in Architectural composition. This year, the invitation is the work of Frank C. Gilson '24 of Technology, while the posters advertising the fete were executed by Course IV students as a sketch problem in design.

PHYSICS DEPARTMENT ADDS RESEARCH MAN

Dr. W. H. Dehlinger has been added to the staff of the Physics Department and he will be a Research Associate in the Research Laboratory of Theoretical Physics. Dr. Dehlinger studied in Utrecht with Professor Ehrenfest and in Munich with Professor Sommerfeld where he received his Ph.D. in 1914. He was later an assistant to Professor Einstein at the Observatory of Astrophysics in Potsdam.

He has done much to contribute to the modern theory of Atomic Structure and will work here in the new Laboratory of Research in Theoretical Physics which has recently been established under the direction of Professor Paul Heymans. The staff of this laboratory includes Professor Heymans, J. T. Norton '18, M. S. Vallarta, and T. H. Frost.

FEBRUARY T.E.N. ON SALE MONDAY

Contains a History of Course
IV and Advance on Al-
dred Lectures

T. E. N. for February will be on sale Monday containing engineering, historical and industrial articles in addition to the usual departments and reviews of Aldred lectures.

"Progress in Artificial Silks" is the feature article, giving a short history of the manufacture and early attempts to attain fine threads followed by a description of the manufacture. Professor William Emerson is the author of the "History of the Architectural Department" which gives a detailed account of Course IV from its beginning as the first school of its kind in America in 1865 up to the present time. "Moving a Seven Story Building" by Hugo Filippi, an engineer in the W. H. Brown Company of Chicago, is a description of the moving of a building from the site of the terminal of the Illinois Central Railroad, illustrated by several photographs.

The engineering problems of the new Moffat Tunnel are discussed in an article by the consulting engineer of the building company, accompanied with several illustrative cuts. R. W. Rigsby '19 is the author of "The Advantages of an Engineering Knowledge to the City Manager."

CHEM SOCIETY TAKES TRIP TO WORCESTER

Party Goes Through Two Plants
in Successful Visit

Yesterday the Chemical Engineering Society took an all-day trip to Worcester where they visited the plants of the Graton-Knight Belting Company and the American Steel and Wire Company. From the standpoint of those who took the trip the whole affair was well worth while.

In the morning, under the guidance of Mr. Ahlstrand the party went through the Graton-Knight plant. The processes showing the manufacture of the belting from the raw-hide to the finished product—belts from 1/2 inch to 64 inches—were shown and explained. They also inspected a well equipped chemical laboratory and a testing laboratory where the belts are tested for tensile strength, slip and coefficient of friction. In the afternoon the party inspected the American Steel and Wire Company's mills, seeing the manufacture of steel and wire from scrap iron. This company uses both the acid and basic open-hearth processes, the party was fortunate enough to see a 50-ton furnace being run into molds. The wire mills run by a 5000 horse power Angle Compound Corliss Engine were also inspected.

ABOLISH TECH NIGHT DECLARES JOINT COMMITTEE

Can Find No Substitute and
Advocates Dispensing With
Evening Program

FAVORS TEA DANCE AND
SUPPER AFTER SPORTS

Suggestion Tabled — Will Be
Considered During Next
Few Weeks

"Tech Night is no credit to Technology. The good name of the Institute is impaired. No one enjoys the show and upwards of \$3,000 is spent for a place for Tech men to congregate." For this reason the Joint Field Day Committee in their report to the Institute Committee yesterday, recommended that Tech Night be abolished.

In this report the committee stated that the entire matter was gone over very carefully and the "bone of contention was found to be the theatre party. The theatre party seems to be composed of two distinct elements; namely, those who are present for the sake of creating disturbance and those who are present to preserve order." The addition of a push-ball contest to the athletic competitions and closing the entire program with a tea dance and buffet lunch in Walker Memorial were recommended. Much consideration was given to finding a substitute for the theatre party but nothing satisfactory could be determined and it was finally decided that the only feasible thing was to recommend its abolishment and close the day's program early.

Bursar Ford is in Favor
Bursar H. S. Ford, when told of the committee's recommendation declared, "I am very much in favor of abolishing Tech Night. Let's have more activity before 6 o'clock and less riot after."

President W. H. Robinson, Jr. of the Senior Class, said, "We should build up a sentiment of honor at the Institute and our organized gathering should be a credit to the school. We cherish the few traditions which we have at Technology but the Tech Night tradition has changed completely from that of former years."

The report of the committee stated that even though there was considerable policing conditions at the theatre this year had been no better than last year, "that the show had been policed as well as possible but that there was no improvement. The position of Marshal has changed. It is no longer considered a post of honor." L. P. Marsh '24, Chairman of last year's Tech Night Committee took exception to this, declaring that "there had been improvement. The way affairs were conducted last year met with approval. I am myself, however, in favor of doing away with Tech Night next year."

Theatre Party Abolished
The complete recommendations of the committee for Field Day next year are, "The usual athletic competitions, crew, tug-of-war, relay race, and football game should be held and an additional contest be added, namely, push-ball, in order to insure the participation in the afternoon's events by a large group from each class. That the field events be followed by a tea dance and buffet supper at Walker Memorial and

(Continued on Page 4)

CALENDAR

Friday, February 8
5:00—Bible Study G. in 400 Beacon Street.
5:00—Freshman Class Officers meeting, room 2-304.
5:00—Musical Clubs meeting, room 10-250.
8:00—M.I.E. Society speaker, room 5-230.
Monday, February 11
7:30—Course V.G.A. Smoker, north hall, Walker.
Thursday, February 14
8:00—Senior Class Formal Dance, main hall, Walker.
Friday, February 15
8:00—Junior Valentine Dance, main hall, Walker.