

THE TECH

VOL. XXXIII. NO. 62.

BOSTON, MASS., WEDNESDAY, OCTOBER 29, 1913.

PRICE TWO CENTS

TECH SHOW Business Staff Competition Today

MINING SOCIETY TO HOLD FIRST MEETING

Prof. Richards Will Be The Chief Speaker—Sophomores And Juniors Invited.

The Mining Engineering Society will have its first meeting tonight. Prof. Richards, who is at the head of the Mining Engineering Course at the Institute, will speak. Sophomores and Juniors are invited to attend.

The meeting will be held in the Union at eight o'clock. Prof. Richards has taken for his subject "Mining Experiences." He is in a position to give the practical side of Mining Engineering as perhaps few are. He also intends to discuss the mining articles which appear in scientific magazines, taking up their importance in presenting mining problems. There will be other short talks during the evening which will have their own particular interest for those present.

Refreshments are to be served directly after the meeting. The Society desires as many Sophomores and Juniors in Course III to come as possible, and get a good idea of the advantages which are open to them.

FALL HANDICAP MILE RUN

Yesterday the mile run of the Fall Handicap Meet was run off at 4.30. The handicaps were generous and Brook '17, running from the 125-yard line, finished a good 100 yards before the scratch men. Of the latter, C. T. Guething showed up the best, finishing fourth. Enebuske '15 and Parker '17 finished second and third, respectively. Brock led the whole last half of the race.

This afternoon, at the same time, the two-mile run will be run off. The handicaps will be revised in the light of today's race, and will be announced at the Field just before the race.

COSMOPOLITAN CLUB

Will Meet In Room A In Union Today at Five O'clock.

This afternoon the Cosmopolitan Club will hold an important business meeting in Room A of the Union at 5.00 P. M. All members and officers are requested to be present, for at this meeting a new second vice-president will be elected. The program for the year will be arranged at this meeting, so President Chow requests that any national chairman, who can not be present, have some one represent him at the meeting.

TENNIS TOURNAMENT

President Hurlburt of the Tennis Club wishes it understood that all matches in the first round of singles must be played off before this coming Saturday, as it is especially essential to have the matches finished before the bad weather comes.

SENIOR EXECUTIVE COMMITTEE MEETING

Treasurer's Report Is Accepted—Class To Attend Field Day In Body.

A meeting of the Executive Committee of the Senior Class was held at 5.00 P. M. yesterday. C. H. Ober, the treasurer, presented a financial report which was accepted. A committee was appointed, consisting of E. E. Dawson, Jr., A. H. Waitt and P. E. Morrill, to take charge of bringing the Senior Class out in a body on Field Day.

It was decided that a class dinner be held on November 21.

JUNIOR CLASS OFFICERS

There will be an important meeting of the Junior Class officers in 22 Rogers today at 1.30. A full attendance is desired.

Fall Meet on—for most of the week.

FRESHMAN COMPETITION FOR TECH SHOW OPENS

Meeting Today Of Candidates For Assistant Business Manager.

This noon at 1.30 the candidates for Freshman assistants to the manager of the Tech Show will meet in Room B of the Union. Business Manager C. R. Lord will be there to make all explanations of the work, and to start the candidates in the competition. This competition is open to all Freshmen and consists for the most part of securing advertisements. From these candidates three assistants are chosen. By further competition these three men are reduced to two as first assistants in Sophomore year. These two men stay with the Show through the other years, finally becoming treasurer and general manager respectively. This is a great opening for Freshmen, and it is hoped that a large number of candidates will come out.

CANDIDATES FOR MANAGING EDITOR

Meeting Today In Lower Office—Details Of Competition Explained.

The meeting of candidates for Managing Editor of THE TECH will be held today at 1.30 in the lower office in the Union. Only full-fledged Juniors and Seniors are eligible, as is the case with the other managing Board positions.

The honor and importance attached to this office is shown by its rating of nine points, which places it on an equality with the following: President of the Junior Class, Track Manager, Editor-in-Chief of THE TECH, Business Manager of Technique, General Manager of the Musical Clubs, and the various managers of Tech Show.

The duties of the Managing Editor are, generally speaking, to see that the paper comes out on time and in proper form, attend to such special features as new cuts, extra issues, etc., to make the necessary arrangements with the printer, secure the best prices as well as satisfactory service, and to generally supervise the night work, appointing night editors and assistants, and seeing that the assistants are fairly distributed throughout the week.

The details of the competition will be explained to the candidates at the meeting this noon. They will probably have several days of working at the duties all together, after which each will be separately tried out for a week or more. In any case the choice will be made only after abundant opportunity for each man to show his ability.

ECONOMICS CLUB

President Kuttner wishes it announced that the meeting of the Economics Club, which will be held tomorrow, will be a meeting for members only. Matters of most vital interest to the Club's existence are to be considered. The members will meet in 9 Engineering C at 1.30 sharp.

CALENDAR

Wednesday, Oct. 29, 1913.

1.00—Seat Sale—Tech Night.
1.30—Competition—Asst. Business Manager Tech Show.
1.30—Competition—Managing Editor of THE TECH.
1.30—Economics Club—9 Eng. C.
4.00—1916 Football—Oval.
4.30—Handicap Two Mile Run—Field.
5.00—Cosmopolitan Club Business Meeting—Room A, Union.
8.00—Mining Eng. Society Meeting—Union.
8.00—Walker Club—Technology Club.

Thursday, Oct. 30, 1913

1.30—Tickets Issued for Tech Night
1.30—T. C. A. Talk—Union.
4.00—Mandolin Club.

What Criticism Have You To Make Of THE TECH?

How can we improve this paper and make it meet the demands of the student body here at the Institute?

We ask you for your co-operation in this matter and hope that you will give us your frank criticism.

What changes can we bring about that will make it a more satisfactory paper to you?

Will you help us make THE TECH the best college daily in this country?

TECH NIGHT TICKET SALE

Tickets Must be Redeemed Before Saturday—Large Number Sold.

The tickets for "Tech Night" sold well yesterday to the upperclass men, although the same cannot be said of the Freshmen, who do not seem to realize that the seats go on sale to the general public after this coming Saturday. The tickets bought now may be redeemed tomorrow noon in Rogers and must be redeemed before next Saturday, as they will not be held beyond that date.

The committee will be in Rogers every day of this week from 1 to 2 o'clock. All managers who have not as yet made reservations for their teams should do so at once.

CHESS CLUB TOURNAMENT

All entries and entrance fees for the Chess Club tournament now in progress must be in by noon Thursday. These are to be left at the Cage, addressed to D. E. Woodbridge, the Secretary of the Club. The fees are fifteen cents.

PROGRESSIVE CLUB

The date of the meeting of the Progressive Club announced in yesterday's issue of THE TECH has been changed to Friday noon instead of Thursday noon. Election of officers will be held and plans regarding the fall state election in Massachusetts will be announced. All men interested in the Progressive movement are welcome.

Candidates For Managing Editor Meet--1.30

THE TECH

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

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H. I. Knowles, '15.....Advertising Manager
G. A. Palmer, '15.....Treasurer

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5.30 to 6.00, Daily, Except Saturday.

Office Hours of Managing Editor:
8.40 to 9.00 A.M., Daily; 5.30 to 6.00 P.M.
Daily, Except Tuesday and Thursday.
7.00 to 8.00 P.M. Friday.

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WEDNESDAY, OCTOBER 29, 1913

One more word, upperclassmen, on the importance of the office for which the competition starts this noon. That it is one of high honor is attested by its rating of nine points—within one point of the highest positions in the Institute. It is usually attained only after two years of conscientious work on the paper, the present extraordinary opportunity being caused by the total lack of upperclassmen on the news staff and news board. This assures each competitor that no one will have the advantage over him of previous experience on either of these bodies. The restriction of candidates to upperclassmen and the high point rating will greatly restrict the number of competitors, so that no one need be afraid to come out, while the absolute need for the ablest man obtainable insures that the best man will win.

One Institute activity where lack of support is practically unheard-of is the Tech Night performance. It is indeed a lifeless class that fails to turn out in force at this event, yet this seems to be just what the Freshmen intend to do, according to present evidence. While the Sophomores and upperclassmen have made great inroads on the supply of orchestra seats, the balcony, assigned to the Freshmen, is comparatively untouched. Perhaps the new men do not realize that these seats go back to the theater on Saturday for sale to the general public.

The men in the mile run were limited almost entirely to the cross-country squad.

A big demand for end seats is reported by the Tech Night committee.

The time is at hand for last year's tug-of-war team to show up at the Oval.

One Sophomore is reported offering five to three on the relay race.

SCIENTIFIC AND ENGINEERING NOTES

The proper disposal of sewage from a large and thickly populated region is an engineering problem of no mean proportions, and one which will probably confront some of us in the future. The Passaic River, which flows by several cities in New Jersey and finally empties into lower New York Bay, is at present considerable of a menace, for it is little more than an open sewer. As a means of doing away with this nuisance, the construction of a long conduit for carrying the sewage from the cities to deep ocean water has commenced. Those who are interested in such matters will find it well worth their time to read an illustrated article upon this undertaking which appears in the Scientific American for October 25.

The fact that the output of the manganese alloys, ferromanganese and spiegeleisen, from American mines last year was 227,939 long tons, against 178,615 tons in 1911, shows a healthy activity in this branch of the mining industry. In addition, more than 100,000 tons were imported. This gives timely interest to a 200-page report, by E. C. Harder, of the United States Geological Survey, published as Bulletin 427, describing the many manganese and manganiferous deposits in the United States, as well as the uses of manganese and manganese alloys. As indicated by the large amount of ore consumed, manganese is a very important alloy and has many uses. Manganese steels are hard but not brittle and are malleable, though they offer great resistance to cutting tools. These properties make manganese steels highly useful in the manufacture of such articles as gears, pinions, sprockets, sprocket chains, railroad frogs and switches, and the faces and digging parts of pulverizing and crushing machinery used in mining, etc. For making some of these articles, manganese is practically the only alloy available.

Manganese bronze is produced by alloying manganese with copper, and silver bronze by alloying manganese with aluminum, zinc, and copper. Oxides of manganese are used in glass manufacture, in dry batteries, as a drier of varnishes and paints, and in the making of disinfectants. As a coloring material manganese is used for coloring glass, pottery, tiles, and bricks, in calico printing and dyeing and in paint manufacture. It also has many other uses.

A copy of Bulletin 427 will be sent free to anybody interested in the subject, if application is made to the Director, U. S. Geological Survey, Washington, D. C.

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All books remaining unclaimed after November 1st will be confiscated.
H. M. Goodwin.

ALTERATIONS OF SECOND- HAND UNIFORMS

A representative of the uniform contractors will be at the Armory during the Wednesday drill periods, Oct. 22 and Oct. 29, to take charge of all parts of uniforms requiring alteration as to fit or ornamentation. Students are at liberty to have the work done anywhere providing it is done properly but arrangement has been made to have this work done by the contractor at rates which are reasonable and probably cheaper than those charged elsewhere. This work should be attended to at once as when the new uniforms arrive the workmen will have all their time occupied by work on them and excuses will not be accepted for work delayed through carelessness. The address of the tailor employed for this work is James Groatorex, No. 27 Causeway St. You can go there, but will save trouble by turning in the articles at the Armory not later than October 29th, and better still on the 22d.

EDWIN T. COLE.
Major, U. S. Army.

SOPHOMORE FOOTBALL WEAK IN TEAM WORK

Individual Work Brilliant In Parts—
Men Do Not Play
Together.

Yesterday the Sophomore Football Team had a scrimmage game with Cambridge Latin. The Sophomores were worsted by about two touchdowns to one. Although the individual playing was of a better grade, there seems to be a decided lack of team work. The centre of the line is very weak and the backfield work is ragged. The whole trouble seems to be in a lack of practice together.

Today practice is at the Oval, and the manager hopes that all will report. Thursday the team will meet E. H. S. in a practice game at the Old South End grounds of the Boston National Team.

SOPHOMORE—JUNIOR RELAY RACE

The 1916 Relay Team is working out steadily and looks like a promising crowd for Field Day. There are several fast men that were on the team last year that have been improving considerably and ought to show up well in the race. The men at present are practicing starts and short dashes as well as flag passing, in which they have become very proficient.

This afternoon all the 1915 Relay men are to be at the Field at 4.30 as a practice race against 1916 is to be run.

Yesterday the 1917 Relay Team split up into two teams and had a regular 220-yard relay race.

MANDOLIN CLUB TOMORROW

Coach To Be Present And Fine To
Be Imposed For Absence.

Attention is called to the fact that Coach Lansing will be present at the rehearsal this Thursday, and that the fine for absence from such a rehearsal is 75 cents. The music for a new popular medley will be given out and new strings issued to those who have paid their dues. It is essential that all dues be paid by Thursday. The date of the Winter Concert has been set for December 16, at Copley Hall. The tickets will be in the hands of members of the Club at an early date.

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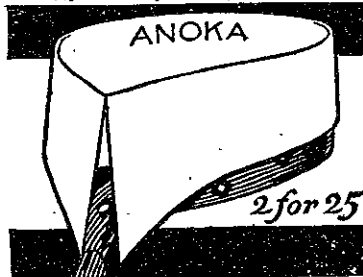
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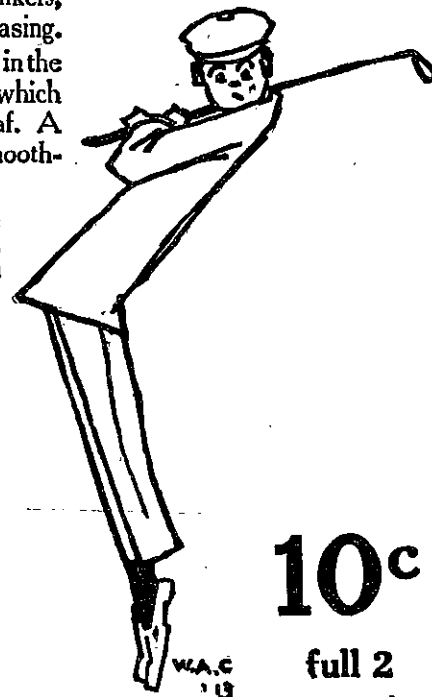
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