

THE TECH

VOL. XXX. NO. 105

BOSTON, MASS., MONDAY, MARCH 13, 1911

PRICE TWO CENTS

"RAILROAD NIGHT" FOR ELECTRICAL SOCIETY

W. S. Murray of the N. Y. N. H. & H. R. R., and P. Winsor of Boston Elevated to speak

HOOSAC TUNNEL ELECTRIFICATION

To be Discussed in Detail. Street Railroading to be a Feature.

All arrangements have been completed by the program committee of the electrical engineering society for the "railroad night" to be held in the Union next Wednesday evening. This promises to be one of the best evenings of the year for the E. E. Society, as two prominent railroad men have been secured as speakers. Mr. W. S. Murray, chief engineer of the New York, New Haven, and Hartford railroad, with an office in New Haven, Conn., is recognized as one of the foremost authorities on electric railroads in the country. He has but recently completed a gigantic task in the electrification of the Hoosac Tunnel, which has added new fame for him. He will present a detailed account of this great work of electrification for the members of the society at "railroad night" next Wednesday.

Representing the street railways, which have now become a most important link in the great railway equipment of the country, the program committee has been most fortunate in securing Mr. Paul Winsor, chief engineer of motive power and traction for the Boston Elevated. Mr. Winsor is thoroughly cognizant of all the fine points connected with street railroading and will give a most interesting talk to the society members at Wednesday's meeting.

Early in the season the program committee consulted with Professor Jackson of the electrical department concerning speakers, and Professor Jackson heartily redormended both of these men as authorities on railroading. Several members of the faculty have signified their intention of attending, and it is expected that Professor Jackson's fourth year class in electric railroads will attend in a body.

President L. P. Ferris '11 of the society, will be toastmaster; the committee in charge consisting of O. B. Denison '11, chairman, D. P. Gaillard '11 and L. T. Hemenway '11. It is urged by the committee that all who expect to attend will purchase tickets at once, as a guarantee must be made at once with the steward.

The price of tickets if fifty cents (\$0.50) and they are now being sold by Ferris, Gaillard, Fryer, Denison, Kemp, Bent and Flansburg. The dinner hour is set for 6.30 in the big dining room of the Union.

CHALLENGES RIFE IN SENIOR DRAWING ROOM

The colts in the senior pastures are evidently feeling the effects of the spring like atmosphere of the last few days, if one may judge from the notices which appeared near the pasture bars Saturday. The first one to appear was as follows:—

Pa: Allen's Section Hands challenge Boss Porter's Daim Builders to a blood-thirsty fight with baseball bats and other utensils. Our pitcher will use Allen's Spirals that will Breed dismay in the ranks of our opponents.

Soon after, this answer was posted:— Porter's Dam Builders accept the challenge of Allen's Section Hands for a blood-thirsty contest with balls, bats, swords, or any other weapons. Watch the Turbine Makers damn up the whole tribe of track layers.

Then, in order to make everything complete, the Course XI seniors challenged the winners to a game in order to determine the championship of the pasture. The contest will be pulled off as soon as the Tech Field gets into suitable condition.

SOPHOMORES DEFEAT THE FRESHMEN ONCE MORE

Closely Contested Game Gives Basketball Championship to the Heavy 1913 Team

1913—19: 1914—16

Last Basket Ball Game in the Gym Slow but Spirited.

1913 again defeated the Freshmen in basket ball at the Gym Saturday afternoon, in the deciding game of the inter-class series. The victory by a score of 19—16 gives the championship for this season to the older, heavier team.

The game was played in a very different manner from the earlier one and was much more evenly contested. The Freshmen fought gamely against every basket and their effort kept the score at a tie through most of the game. At the end of a rather slow but very scrappy first half, neither side lead by a score of 7—7.

The second half opened with Sampson and Horner in the game for the Sophomores. The game was much faster and more interesting but the Freshmen held the pace until the end, when 1913 pulled out a victory, 19—16.

Williams and Capt. Ruoff put up a game fight for the losers while Murdock and McCarthy almost shone for the Sophs.

The line-up.
1913—19
Hudson, (Sampson)r.b. l. f. Comber.
Capen(Horner) l. b. r. f. Tirrell.
Murdock, c. c. Henderson.
McCarthy, r.f. l. b. Williams.(Bryant)
Muther, (Capt.) l. f. r. b. Ruoff (Capt).
Referee: Kenrick, '12.
Timer: Tarr, Tech.

STREET RAILWAY WORK AND RAIL PROBLEMS

Mr. A. L. Plimpton, '77, to Lecture before the C. E. Society on Thursday

Mr. Arthur L. Plimpton will address the meeting of the Civil Engineering Society next Thursday afternoon in 11 Eng. Bat. 4.10 o'clock. Mr. Plimpton was graduated from the Institute in 1877 in Course I and has long been identified with street railway work. He was formerly connected with the West End Railway of this city, but is now Civil Engineer-in-charge, Department of Civil Engineering, Boston Elevated Railway.

During recent years, Mr. Plimpton has made a special study of rail problems in street railway work and is an expert on that subject. He has chosen as his subject for the talk "Street Railway Work and Rail Problems." As the subject is one of interest to all engineers it is hoped there will be a large attendance.

Howard P. Ireland and David J. McGrath have been chosen a committee to make arrangements for the Cape Cod trip. One hundred fifty fellows have signed up and the excursion will be a big success.

When the executive committee took up the proposed amendments to the constitution of the Society it was decided that better results might be obtained by a complete revision of the constitution and a sub-committee was appointed to redraft it. Copies of the revised instrument will be placed in the drawing rooms this week and a special meeting will be held to adopt it sometime next week. It is hoped that the members of the Society will read these copies carefully and be prepared to discuss any portions which do not seem clear or what contain ideas with which they do not agree.

ORIENTAL EVENING FOR COSMOPOLITANS

Chinese Students Provide Novel Entertainment at Union Saturday Night

SOUVENIRS FOR THE LADIES

Boxes of Chinese Candy Given to Guests Native Costumes Worn.

Oriental customs and Oriental ideas were well portrayed at the Chinese entertainment of the Cosmopolitan Club, last Saturday night in the Union. The hosts wore their picturesque native costumes, and the decorations, and the atmosphere of the entire program were distinctly Chinese.

S. Y. Chen, who was the presiding officer of the evening, welcomed the members and their friends, and then gave a short talk on the Cosmopolitan character of his race, particularly emphasizing their love of peace. P. H. Hsu then proceeded to tell a few facts concerning his people which he stated were usually omitted in magazines and newspaper write-ups. He told of the new proposed Parliament, the educational system, the abolishing of opium smoking, the discarding of queues, and the railroad development in China. "If you want to see an opium den," he stated, "go to New York or Boston for they have been closed up in China entirely."

T. C. Hsi was then introduced and played a selection on a flute which was very curious and interesting. F. T. Yeh, followed with a talk on "Marriage Customs". He explained that these were entirely arranged by the parents and mutual friends of the contracting parties, who do not see each other until after they are married. This system works extremely well and China is practically free from the "divorce evil."

Although Tech is a co-educational school, there are no Chinese women enrolled so in order to make the program complete, Turpin Hsi was dressed to resemble a Chinese girl and no one in the audience could tell the difference. He talked on the devotedness and self-sacrifice of the women he represented, explaining their obedience to their parents, the small part which they play in society, and their freedom from bad habits.

F. T. Yeh gave another selection on his peculiar flute. The fun of the evening was then begun by C. O. Chow and T. C. Hsi, who drew many hearty laughs for their original and well told stories typical of Chinese humor.

A. C. Li a student of Harvard, kept the crowd in a continuous uproar, with his examples of Chinese magic. From the time he pulled cards out of Prof. Seaver's coat pocket to when Registrar Humphreys blew so hard on the queen of clubs that it changed into a queen of hearts, the Union rang with peals of student laughter. His hat trick, the coin trick and the knot trick, which he pulled off with the able assistance of some of the faculty members and their wives were greatly applauded.

After Mr. Li had finished, every one adjourned to the large living room of the Union and were treated to real Chinese tea and candies and nuts of various kinds. Each lady present was also presented with a souvenir box of Chinese candy.

Among the guests were Dean and Mrs. Burton, Prof. and Mrs. Lanza, Registrar and Mrs. Humphreys, Mr. and Mrs. Gunn and guests, Prof. Seaver, Prof. Doten, Mr. Colleston and Mr. Blachstein. Many of the students were accompanied by friends.

There are 123 men out for the carious crews at Pennsylvania.

FACTS CONCERNING GRAND MINSTREL SHOW

Classic Old Huntington Hall to be Scene of Entertainment

FACULTY TO ATTEND

First Time in Twelve Years that a Minstrel Show is Given at Tech.

The plans for the Chocolate Soldiers Minstrel Show, which is to take place in Huntington Hall next Friday Evening, March 17, 1911, are rapidly maturing and all indications point to its being one of the most interesting entertainments in the history of the Institute. It will be the first All Tech gathering, which has been in Huntington Hall in ten years. Moreover it is the first time that Tech students and the Instructing Staff will have come together to an entertainment of this nature where ladies are invited.

The student body is taking a lively interest in the affair and the sale of tickets has passed all expectations. The "Advance Agent" (whoever he may be) comes in for a great deal of commendation for the way he has handled the advertising of the Show. The newest "stunt" is the posters which have been placed on the Union Bulletin Board. Have you seen them?

There have been at least twelve men, who have recently made application to be admitted into the Company and the manager having considered the matter very carefully has decided that these men are unfortunately too late and cannot be admitted. Their merit is very well appreciated however and they are invited to leave their names at the "Cage", and in case any member of the Company should prematurely die, another will be chosen to fill his place from this list.

Arrangements are being made to have the men seated according to classes or courses so that there may be the customary amount of cheering and singing before the curtain rises. A section will be reserved for the faculty. For the benefit of the latter, it is announced that tickets may be secured from various members of the Faculty. By the early part of the week there will be at least one Faculty member in each department who will have tickets to sell to the other members.

In order to accommodate the men who wish to attend the Track dinner, which occurs at 6.00 P. M., the Manager announces that the show will be delayed for their benefit and will not start until 8.15 P. M. There's one there should be no difficulty either way on this score.

It is announced that the contract for costumes and all other properties has been let.

Finally the manager wishes to especially emphasize the fact, that it is "Ladies Night" and everyone is urged to bring a girl or "Girls" if he prefers.

CALENDAR

- Mon.—Mar 13.
1.00—Tech Board Mtg.—Union.
4.15—Technique Electoral Com. Mtg.—27R.
5.00—Technique Board Mtg.—Union.
4.00—Arch. Soc. Mtg.—42 Pierce.
Tues.—Mar. 14.
1.30—Union Com. Mtg.—Dean's Office.
4.15—Gym. Team Practice—Gym.
6.30—M. E. Soc. Dinner—Boston City Club.
—Musical Clubs Concert—Dorchester.
Wed.—Mar. 15.
4.15—Gym. Team Practice—Gym.
Thurs.—Mar. 16
5.00—Technique Board Mtg.—Union.
4.30—Orchestra Rehearsal.—Union.

THE TECH

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MONDAY MARCH 13, 1911

True to expectations and even surpassing the most that had been anticipated, the Chinese Night of the Cosmopolitan Club last Saturday was a most decided success. Such informal occasions where the members and their friends are brought so intimately into touch with the customs, manners, history, and life of the foreign country, is sure to have a strong broadening effect upon them. If there are men enrolled in the limited membership, who do not show their appreciation of its value by their regular attendance, should they not resign to make room for those who do?

EXTENSIVE PLANS FOR TRACK DINNER

All Track Men Expected to be at Union for this Occasion

With the extensive plans of the Committee in charge already arranged, the Track dinner to be held in the Union dining room on March 17, will be a very successful event. Although there was a conflict of this affair with the performance of the Chocolate Soldiers' Minstrels which comes off at 8.00, the matter has been arranged so that the Track Dinner will end in time to allow those present to witness the beginning of the Minstrel performance. At the dinner the most important business will be a discussion of plans for the coming Spring Track work, the future appearing very bright to the men in charge. There will be present at the dinner all who are interested in Track and if there are any who have not yet come out for any event and think that they could do something, they owe it to themselves to be present.

CHOCOLATE SOLDIERS



MINSTREL DOPE FOR TODAY

Dear anxious waiters:
I want to sit down with you and have a frank, straight-forward talk this morning. I went to church yesterday for the first time in several weeks and came away with a feeling that I must square myself with my conscience,—so I am going to begin the week right by giving you on this bright Monday morning a complete confession of my sins. I have not been perfectly frank with you in the past, and I think this may have led to some difficulties.
In the first place, it has been whispered about the drawing rooms and various habits of the undergraduate that the stupendous production of the Chocolate Soldiers to be given in Huntington Hall next Friday evening at 8.15 o'clock, is a frame-up. You will remember that even Professor Seaver carried this idea around quietly for a day and the Dean once thought the same thing. Do not let me hear any of you voice this opinion again. Chocolate Soldier Night is indeed a reality, and it is not only a reality but, I tell you frankly yet modestly, it is the best thing I have seen since I was in Chicago last spring.

Secondly, some thoughtless creatures have suggested that the Chocolate Soldiers is an organization of the board of editors of *The Tech* bent upon knocking down a little cash. I hate to dwell upon anything so absurd, but rumors must be argued down. Earnestly I repeat,—not one of the Chocolate Soldiers is a member of the board of editors of *The Tech*, or connected with the publication in any way except as a reader. The Chocolate Soldiers are, as I told you a week ago Thursday, merely a bunch of "live ones" who appreciate what the down-fall of *The Tech* would mean to undergraduate life. Why, *The Tech* does not begin to number on its staff the entire make-up of the Chocolate Soldiers, and besides, could any of them give a production worthy of presentation in the New York Hippodrome? They are all good newspaper men, but poor minstrelers.

These rumors and others have all risen from one cause. It is perfectly natural that they should have sprung up, and I could not hope otherwise. My "mysterious" silence as to the make-up of the Chocolate Soldiers and the exact methods of their minstrelsy has caused it all. Frankly, there is no mystery about it, absolutely no reason why you should not have known at first who we were,—except this,—I chose to arouse your curiosity. Can't you see that was a good advertising point? And you must admit it worked splendidly, else all of you would not be reading this now. To employ a little slang phrase,—the Chocolate Soldiers

Continued on Page 3

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FOWNES GLOVES

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If there is a student in Tech who is not familiar with

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First Seen in Boston at Hovey's---
"The India"

The New "Little Umbrella With the Big Spread"

This is the umbrella which has aroused enthusiastic interest wherever shown.

A small umbrella having ten ribs (the ordinary one having but 7 or 8), unusually sturdy, resisting the temptation to turn inside out in a high wind, yet delightfully light and graceful when outspread, covering more than the usual space.

The edges of the ribs for about 3 inches are pliable; when extended and open a greater spread is afforded than the ordinary kind, and the ladies will not break their feathers.

Handsome mission wood handles, coverings of union silk and pure silk.

Better protection from the rain and a great lessening of bulk and size.

This is an important addition to the history of umbrella construction.

We confidently prophesy in a year or so all umbrellas will be demanded upon this idea.

The men's size is of walking length, but with a 30-inch spread overhead instead of that possessed by the 28-inch regulation umbrella. We are pleased to be able to state that in a very short time we shall be offering many other grades at varying prices.

Men's Size Umbrellas \$2.50

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The Apollo

"The Chocolates
 that are different."

For Sale at the Union

AUTOMATIC MACHINERY DELIGHTS MECHANICALS

United Shoe Machinery Company's
 Plant has very Interesting
 Features.

Friday afternoon twenty members of the Mechanical Engineering Society, accompanied by A. P. Truette, of the Department, enjoyed an excursion to the plant of the United Shoe Machinery Company, at Beverly, Mass. The party was met and shown through the works by Messrs. Ellis, Eppler, Carico and Stirckler of the Company.

The machine shops were the first places visited. Here, in various departments and buildings were seen a most complete line of automatic machines which were making pieces of every size and description. One department was completely filled with planes both reciprocating and circular, another had nothing in it but drills of all sizes, still another was confined to the use of jigs from small bench sizes up to those which had to be handled by cranes.

An interesting thing in connection with the machine shop is the part in which is employed a number of young men from the Beverly High School. These young fellows work a week in the shops under an instructor (receiving pay for what they do) and then put in a week at school, when their places are taken by a second set. These alternate weeks of work and school are kept up throughout the school year.

The party was the making of clicking dies for cutting out shoe leather as well as lasts for the same. The forging room containing a large number of steam trip hammers was next seen. A special room is equipped for case hardening with a series of oil furnaces.

The boiler room contained two batteries of B. and W. boilers and two batteries of Stirling boilers, each battery furnishing about 1000 boiler horse. All were equipped with Roney stokers. Electric drive in the shops are furnished from Curtis turbogenerator sets.

The Company operates a large foundry pouring about 30 tons per day. Their pattern shop and storehouse is filled with a great variety of patterns.

The way in which the Company looks out for the comfort and well-being of its employees is well known. Each man has his own little room built of galvanized iron above a concrete floor, and containing a shower, a seat, a shelf and washpail.

The women of whom there are about a hundred employed, also have rooms, which are however furnished more elaborately than those of the men. A small dance hall and piano seems almost lost in that great shop. Near the women's rest room is a hospital room completely furnished with all the necessities for treatment of accidents, even to an X-ray machine.

The Company operates a large lunch room, serving meals to operatives at cost. The night shift of 700 receive one meal absolutely free as an extra inducement to night work in some departments.

The buildings are constructed throughout of steel and concrete, and are particularly massive, airy and light and are absolutely fireproof. The details of construction, arrangement and hanging of shafting etc, was something new and of great interest to the Mill Option men.

Continued from Page 2

have got you all going and you know it. I don't mind telling you this, because our production is a stupendous, gorgeous affair and we are sure to be well supported. Advertising helps a little, that's all. I have told you all this and would just as soon open up and show you everything, but the other Soldiers are rather amused at the public curiosity and they want me to keep it dark a little longer. However, watch *The Tech*.

Now something further. You feel that Huntington Hall will hold a thousand and that there is no particular reason why you should get your tickets early. Theoretically that is all right, but listen: You have seen the hall crowded to the doors just with students; Chocolate Soldier Night is to be Ladies' Night and nearly everyone so far has purchased two tickets. That doubles up, you see. In addition the entire faculty has been invited and is co-operating with us in every way to make the thing a success. Many have agreed to come and bring their families. Aside from all this there is another reason why you should get your tickets now. We have been perfectly frank with you and we can give you a better, more finished production, with more surprises, if we know soon how many we have to provide for. So get your tickets today. You can borrow fifty cents just as easily this noon as you can Friday noon.

Yours for St. Patrick's Day,
 The Advance Agent.

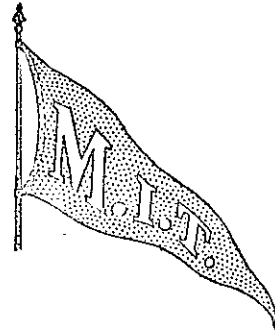
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Current Work Week of March 6, 1911
Descriptive Geometry
The problems given will be 23, 24, & 25.
Time allowed 2 hours, 30 minutes.
Mechanical Drawing
Study Plate 4 (The Bicycle Chain
and Sprockets).
Time allowed 3 1/2 hours.

Mechanical Drawing

The class will work on Study Plate 4.
Time—4 hours.

Descriptive Geometry.

2 hour test.

1914 NOMINATIONS

The nominations for base-ball and out-
door track managers for this season,
which were opened on the first of this
month, will close on Wednesday, March
15th. Leave nominations, with all infor-
mation concerning the nominee, at the
cage, addressed to 1914 Executive Com-
mittee.

Theo. Krueger,
Chairman.

NOTICE

A Fraternity pin has been found—
same may be had by applying at the Bur-
sar's Office and proving property.
F. H. Rand.
Bursar.

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The Tech

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SECOND YEAR

Mechanical Engineering Drawing

Exercises for Course VI, section 1,
begin on Wednesday, March 8, and for
sections 2 and 3, on Friday, March 10.

NOTICE

1911

Proofs of Class Day Committee Ballots
have been posted on all Bulletin Boards.
If your name has not been included and
you have paid your dues through June,
1910, leave note at Cage for
H. F. Dolliver, Clerk.

NOTICE

The N. E. Hardware Dealers' Associa-
tion has invited members of the Instruct-
ing Staff and the students to their exhibi-
tion to be held in the Mechanics Building
on March 21st, 22nd, and 23rd, admission
to be by ticket only.
Tickets may be obtained at the Secre-
tary's Office if applied for not later than
March 17th.

A. L. Merrill,
Secretary.

**BOSTON OPERA
HOUSE**

Henry Russell, Managing Director

Monday, March 13, at 8
THE SACRIFICE

Wednesday, March 15, at 8
TOSCA

Friday, March 17, at 8
DON PASQUALE

THE SACRIFICE

Saturday March 18, at 2
L'ENFANT PRODIGE

Saturday, March 18, at 8
*Last Grand Operatic Concert
of the Season*

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