

THE TECH

VOL. XXXI. NO. 62

BOSTON, MASS., FRIDAY, DECEMBER 8, 1911

PRICE TWO CENTS

HARE AND HOUNDS RUN AT MELROSE SATURDAY

Track Men Must Report in Place of Regular Work—Two Squads.

The handicap race last Saturday was supposed to bring the open-air track season to a close, but since the weather has been so fine and promises to continue so, another hare and hounds' race has been arranged for Saturday of this week at Melrose. As usual, the men will be divided into two squads, the one consisting of track men will run a short course of about three miles, and the other, including the distance and the two-mile relay men, will romp over the country for four miles.

Every man out for the track team must attend, in place of the regular Saturday afternoon work. Since the track season has now started there must be no more cutting practice, but if the weather is such on Saturday that running is impossible all men will report at the Gym for regular work. A notice to such an effect will be posted on Rogers bulletin board early in the morning.

The train for Melrose leaves the North Station at 2.25 P. M., and the men must report on time so they will not lose this important practice.

POP NIGHT TONIGHT.

Excellent Entertainment to Be Given by Orchestra.

Attention is called for the last time to the "Pop Concert" to be held this evening in the Union at 8 o'clock. The men in charge of this affair have made a special effort to make it one of the best ever held in the Institute, and it is hoped that the men will show their appreciation by turning out in large numbers. So far a very large number of tickets have been sold, and the indications are that the evening will be a successful one in every way. These Friday evening entertainments are one of the most important features in the social life of the students, as they give the men an opportunity to become better acquainted with each other, and give the Freshmen a chance to meet and mingle with the upperclassmen, but the few that have so far been held this year have not been very well attended. For this reason it is hoped that the men will turn out in large numbers so as to insure making these pleasant evenings a regular feature during the winter months.

The program which has been arranged by the Orchestra is an un-

(Continued to Page 2, Col. 2.)

MUSEUM OF FINE ARTS.

Two lectures are to be given at the Museum of Fine Arts Sunday afternoon, which ought to be very interesting and of great educational value to all Tech men. The first, entitled "Weaving of a Design," will be delivered at 2.30 P. M. in the Western Art Corridor by Mr. Vesper L. George. The other, entitled "Two Typical Scenes in the Buddhist Sculpture of India," is to be given in the Japanese Study at 3.15 P. M. These lectures are free to all, and any men who may be interested are urged to take advantage of this splendid opportunity.

MAJOR COLE SPEAKS TO CIVIL SOCIETY

Describes Methods of Rapid Mapping as Practiced in the Army.

The Civil Engineering Society held its thirteenth meeting of the year in Engineering B yesterday afternoon. The chairman reminded the members of the trip that many are going to make to Natick Sunday to see a new bridge put into place in the least possible time. In order that the expense to all who wish to make this trip may be as small as possible, a large number of signatures of those who intend to go with the crowd is needed.

The speaker of the day, Major Cole, was then introduced by the chairman. Major Cole said that he had heard that the 50 men before him were there to be convinced that "Rapid Fire Surveying" was possible. To show them that it was more than possible, that it was practicable, even when ordinary troops carried on the work, he described the training that these men receive at Fort Leavenworth, and showed the society some of the work that they had done.

Major Cole first endeavored to make clear the conditions under which surveying is carried out in time of war. At any time an army may be working over territory which has not been sufficiently mapped. In modern warfare the use of accurate maps is absolutely essential, for combats are carried on under the direction of officers miles in the rear. The formation of such maps must be done in advance of the army, and so the mappers work just behind the cavalry screen which every

(Continued to Page 3, Col. 2.)

WRESTLING PRACTICE.

Interest Increasing and Good Progress Being Made.

Wrestling practice is now coming along in fine style. At first not much interest was shown towards this branch of sport, but now as the men have come to know each other and have learned more about the game they are taking more interest. They are not only interesting themselves, but are interesting others, so that now quite a squad is reporting for practice. The majority of candidates at the beginning of the season had had little or no experience at the art of catch-as-catch-can, but by faithful attendance at practice they are picking up the game hold by hold.

The practice consists mainly of friendly bouts among the members of the squad, during which the different holds and breaks are tried out and drilled into the men. Most of the bouts are very interesting, for men of a size are always made to wrestle together. Some of the new men are showing remarkable ability in these mixups, especially Blodgett, who, although light, is remarkably fast. Captain Smyth-Martin referees all the bouts and gives advice as how to get and break holds.

If anybody has ambitions to be a wrestler, don't hesitate, but come out; the game is soon picked up and it is only a matter of practice to become proficient. No program as yet has been announced, but if the present interest continues no doubt a good one will be arranged.

IMPORTANT MEETING OF FINANCE COMMITTEE

Treasurers of Activities Report and Committee Makes Several Recommendations.

The Finance Committee held an enthusiastic meeting in the Union last evening. After enjoying a dinner together the members were called to order by Chairman Kebbon. Reports were read from all the activities represented and discussed in detail. Several of the professional societies were badly behind in dues and pressure was brought to bear on them that they might make the delinquents pay up.

Mr. D. E. Best read the report of the committee on accounting. This committee has been investigating the methods of accounting, banks and checking, approving of bills, expense account and volume of business of the most important of the following activities: 8 Professional Societies, 4 Classes. The Tech, Technique, Junior Prom, Portfolio, Musical Clubs, Institute Committee, Tech Show, M. I. T. A. A. and T. C. A. They reported that the accounting of most of these societies is without any good system, some of the accounts being merely memoranda and temporary accounts. They accordingly recommended that all accounts should be kept in one book, to be used until filled, being handed from one set of officers to the incoming men; that separate entries be made for such permanent items as printing, dinners and expense accounts; and that a standard form of expense accounts be adopted. To simplify the collection of dues it was recommended that the treasurers of the various activities keep a card index record of all names.

All activities and organizations having an income of fifty dollars a year are to establish a banking account at either the Shawmut National Bank, the Old Colony Trust Co., or the State

(Continued to Page 2, Col. 2.)

SWIMMERS SATURDAY.

Eliminations Will Determine Men in First Meet.

Saturday afternoon, at 3 o'clock, the swimming team holds its second series of tryouts at the Cabot Street Tank. The first held last week proved of no consequence because of the few men entered. Indications, however, seem to point toward better competition, for several new men have reported and one or two have proved quite fast swimmers. It is hoped that all men who intend to join this squad will be present at the eliminations, as it is especially desirable to make an early choice of the men who will take part in the meet with Brookline on the nineteenth of this month, and the results of the tryouts are the only means of determining this number.

The events that will be run off include the fifty and hundred-yard dash, the two-twenty swim and the plunge for distance. The first mentioned is the event most competed for, while the hundred and the two-twenty have very few entries. The plunge for distance is an open field for all, practically no one having signified their intention of entering this event.

TALK BY DEAN HODGES YESTERDAY IN UNION

Large Audience Present to Hear Helpful Suggestions For Daily Life.

A large attendance greeted Dean Hodges of the Cambridge Theological School at his talk in the Union yesterday noon. The speaker held the attention of all throughout his address and made a deep impression upon the "one thousand and one" present.

He started on his subject, "The Busy Day," with his qualifications to speak on that topic concerning the bewildering list of engagements on his program for that day. That led to the question how a man may in the whirl of everyday activities take time to survey the situation calmly and see whither all this hurry is taking him. There is a distinct danger to be recognized in that a man may become involved in this thoughtless hurry and be whirled along blindly.

Benedict saw this danger and founded the Benedictine order of monks on the principle of isolation from the world's activities, thus going to the other extreme. The solution must be to devote some part of the day to quiet reflection, to reading some good, proven book, to any occupation that will for a short time lift a man above the turmoil and give him a broader view, a deeper insight.

BERLAGE TALKS TONIGHT

Should Prove Interesting—European Ideas Presented.

Mr. H. P. Berlage of Amsterdam, Holland, will lecture this evening in Huntington Hall on the "Foundation and Development of Architecture." The lecture will be supplemented by pictures from various examples of the world's most famous buildings and should prove most interesting and instructive both to the professional man and one who knows nothing of the technical side of architecture, for Mr. Berlage will endeavor to present his own ideas, which, it may be stated, are considered among the best in Europe. He will also tell of the methods which he has employed in realizing to a certain degree the highest ideals of modern architecture.

It is hoped that many Institute men will make a great effort to attend this lecture, whether they have much of an interest in architecture as a profession or not, for they will find that it will be apt to have a broadening effect which, coming as it does from a foreign country, should be most helpful in general engineering work.

There are now exhibited in 16 Rogers examples of Mr. Berlage's sketches. The lecture will start at 8 o'clock.

Eichorn is making good at point but is a little clumsy on the skates.

CALENDAR.

Friday, December 8th.

- 2.30—Orchestra Rehearsals—Union.
- 4.15—String Rehearsal, Orchestra—Union.
- 6.00—Hockey Practice—Arena.
- 8.00—"Pop" Concert—Union.
- 8.00—Lecture by Berlage on Architecture—Huntington Hall.

WINTER CONCERT, SEAT SALE, UNION 1 p. m.

THE TECH

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

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

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Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.

Subscriptions within the Boston Post Office District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Rutter, 147 Columbus Ave.

FRIDAY, DEC. 8, 1911

IN CHARGE OF SATURDAY ISSUE.

EDITOR—Chandler, L. W., 1912.
Associates—Foote, F. C., 1915; Spencer, W. S., 1915.

THE TECH takes pleasure in announcing the election to the News Staff of Merton B. Lewis, Jr., 1914, Seymour H. Taylor, 1914, and Bertram E. Adams, 1915.

The Finance Commission seems to be digging right down to the bottom of things this year and the Treasurers will be required to keep a proper set of books, give and receive receipts for all moneys expended and carry on their respective activities in a business-like manner. This is a matter of long standing, and in the past a good many of the accounts have been kept in a very lax manner, and one of the chief duties of this Commission is to see that this is remedied. We hope that the representatives of all the activities will take this matter to heart and perform their duties in the manner suggested by the members of the Committee and all will be well. It is better to do things right now than to have to dig down deep in your pocket later.

Did you hear Major Cole tell how they do "Rapid Fire Surveying" in the Army? Do you Civils suppose that if your boss told you to survey 25 square miles in a day that you would say "All right," or would you say, "That can't be done?" Major Cole told how things are done in the service when under pressure. It certainly must be a delight to the officers to hand out a piece of work like that and be able to get the complete plan of the 25 square mile area on the same evening. We hope that the Civils took this all in and will be able to make themselves of more value to their future employers because of it.

COMMUNICATION.

(We invite communications from all men in the Institute on important subjects. We take no responsibility for their sentiments and do not agree to print any that may come in, whether they are signed or not.)

To The Editor of THE TECH:

Although nominations for the Senior Portfolio Committee were opened last Monday, NONE have been handed in at the Cage to date. This shows a woeful lack of interest which must be remedied within these last two days.

Think over the men in your class that you think would make earnest workers and circulate nomination papers for them immediately. We MUST have a good publication, worthy of the Class of 1912.

H. E. Kebbon.

GOOD SHOWING MADE AT FIRST PRACTICE

Candidates For Both Relay Teams Given Outdoor Work to Start.

The prospects of the Institute track team for this winter are at present very good. Although many good men have been lost by graduation there are now in the 'Stute just as good material as has ever constituted a Technology track squad, and the fine performances of the relay teams of last year should be repeated during the coming season.

Both the Freshman and Sophomore relay teams, last fall, were made up of some very fast men, and as the Freshmen are substituting track for compulsory Gym in a great many cases, no lack of material should hold back the teams.

The most promising men for the short relay, commonly called the mile team, but which, as a matter of fact, is only a 1560-yard team, since each man runs 390 yards, are Thompson and Guething, both of last year's teams; L. Wilson, the find of last spring; M. A. Oettinger, who was always a strong candidate for this distance; B. S. Munch and J. J. Strachan.

Of the Freshmen, who will be factors in the final picking, are noted F. Hann, captain of the 1915 relay, and T. J. Barry, who ran first man for the youngsters. Hann, who comes from Brookline, has made some fast times and under the training of Coach Kanaly should develop into a mighty good man. Barry comes from Mechanic Arts High, where he was a leader in athletics. As a member of the High School relay team, which defeated the fast English High School team, composed of the same men who won the school boy event at the Penn relay carnival, he got some good experience in relay running indoors, and to all appearances will make a good man.

On the two-mile team we see the faces of many of the older men. "Gene" Marceau heads a list of fast men for this squad which ought to establish Tech's relay supremacy without any question. Bylund, an old member of the team, is out for practice, as is Germaine, and with another man for fourth place like these three, (Continued to Page 4.)

FINANCE COMMITTEE.

(Continued from Page 1.) Street Trust Co., and are to pay all expenditures by check. All these checks are to be signed by the Business Manager or Treasurer, and those of all but the Professional Societies and the Classes are to be countersigned by a second officer of the activity. Bills must be approved and placed on file by the proper official, who will also see that expense accounts are approved before acceptance.

An amendment was made that any departure from these recommendations shall be presented in writing to the Finance Committee for approval.

H. L. Coburn, '98, offered to donate the necessary books, and they will be distributed among the treasurers of the important activities.

Beginning with the new year meetings will be held on the second Thursday of each month.

POP CONCERT.

(Continued from Page 1.) usually good one, and will be interspersed with plenty of "Tech" songs, so that those who have not attended the Gym recently will have a chance to exercise their lungs.

Following the entertainment light refreshments will be served, consisting of ice cream, cake and ginger ale. A fee of fifteen cents will be charged to cover the cost of these. So cancel any engagements which you may have made, and come around to the Union tonight prepared for a thoroughly good time.

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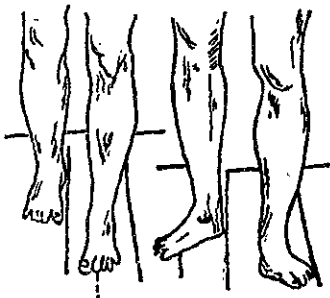
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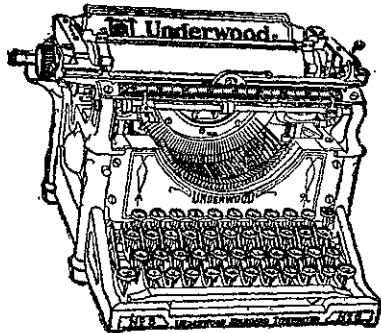
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SHOW POSTER COMPETITION OPEN

Requirement Explanation This Afternoon in Room B by Manager.

Competition for the Poster for Tech Show, 1912, is now going on, and all men having any talent at all in this kind of work should come to Room B, in the Union, today, between 5 and 6 o'clock, and receive detailed instructions from Manager G. E. Whitwell. Yesterday afternoon two men reported, while last year thirty-five men reported after the first call. There is plenty of ability here in the Institute and the management is loath to call on outside talent until it becomes a last resort. A prize of \$10.00 is offered again this year for the most suitable poster and this should be an added inducement to every man to make an attempt. The title of the show, "Castles in Spain," is a very suggestive one and it should be easier to produce a suitable poster this year than in former years.

Of the posters for the thirteen shows produced, six were drawn by students and the other seven by professionals. For the past six years, however, every detail of the show has been the work of Tech students. It would, therefore, be entirely inconsistent if the management is forced to call upon outside talent, especially when there is such an abundance of good material here at the Institute.

Should any man find himself unable to report this afternoon he should leave a note at the "Cage" for Manager Whitwell, at his earliest convenience, as the work should not be undertaken without the instructions to be given this afternoon.

MILITARY SURVEYING

(Continued from Page 1.)

body of troops sends out ahead. This screen is usually one day in advance of the army, and it is this day's interval (about 20 miles) that the surveyors have to cover each day. For this rapid pace the only instrument available is a simplified plane-table. It is a board, light enough to be carried on the forearm, on which a piece of transparent celluloid is fastened, and over which a sighting-piece can be moved at will. The map is drawn in pencil on the celluloid which is used for this purpose, because the pencil lines are not affected by rain, and yet erasures can be readily made, and blue print copies taken.

The men who do this work are first taught the relation between ground-forms and their representation on paper (by contours); then how to estimate distances to a scale of 3 inches to the mile, and to make maps from a single station. Practice in making accurate maps while walking on a straight line follows, and then the men are sent out for active service. In this service they make maps for use in war games, basing the survey on roads and water systems, for the latter furnish a check on results obtained by other means. Maps are based on existing roads in the following way: A mounted man, carrying an aneroid barometer, gallops over the main road, establishing stations at half-mile intervals. At these points he indicates the direction in which traverse lines are to be run, and gives the approximate distance and exact altitude. Details of three men start from these stations, two of them mapping the traverse line and its surroundings for two miles from the road, while the other accurately determines the length and direction of the road. To correlate the many small sketches made, the neighboring parties survey together back to the road. This method enables the army mappers to produce accurate maps at an incredible rate. Major Cole exhibited maps made by one mounted man at the rate of three miles an hour, maps made by a class of 25 men covering in a day's work 25 square miles, and other maps comparing favorably with some less detailed ones made by the Geological Survey.

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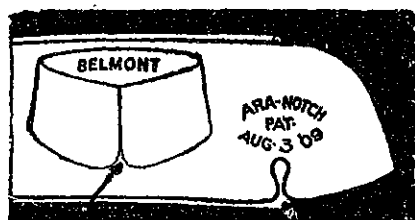
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RELAY PRACTICE

(Continued to Page 2, Col. 2.)

the team would be practically invincible.

In looking over the men at practice in the Gym it looks good to see men taking to the events that we have always been naturally weak in, such as the pole vault and high jump, although in the latter event we have one man that can hold his own against any one, as was clearly shown when Dalrymple, captain of the team, tied for first place in the jump in the I. C. A. A. A. meet held in the Stadium last spring and was later picked as a possibility for the jumping position on the All-American track team.

Practice is well under way, most of the work at present being in the nature of jogging, and a great deal of the work this winter will be carried on out of doors. A rubbing list has been posted, but it is not permanent, and any man that in "Frankie's" opinion is entitled to a place on it will be put on.

TECH SHOW.

All candidates for competition for 1912 Poster report in Show office. Room B, the Union, Thursday or Friday, December 7 or 8, at 5 P. M.
(60-3t)

FRATERNITY MEN.

All Fraternity men whose fraternities are not represented at the Institute will please leave their names, college and fraternity at the Cage for A. R. Atwater, Societies' Editor, Technique, 1912, before December 20.
(60-3t)

SELECT DANCING PARTIES—Miss Hall, instructor. Friday evenings. Lessons. 7.30 to 8.30 P. M. Dancing. 8.30 to 10.30. Pierce Building, Huntington avenue. Phone 25261.
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(59-5t)

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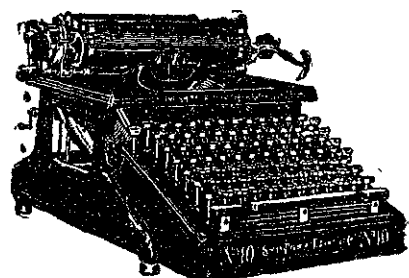
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