

THE TECH

VOL. XXXI. NO. 60

BOSTON, MASS., WEDNESDAY, DECEMBER 6, 1911

PRICE TWO CENTS

DALRYMPLE ELECTED M. I. T. A. A. PRESIDENT

Athletic Association Organizes For the Year at the First Meeting Yesterday.

At a meeting this afternoon in the Athletic office the M. I. T. A. A. organized for the year by the election of officers and the appointment of the representatives to the Advisory Council.

Philip W. Dalrymple, 1912, the Varsity track captain, was elected president of the Association, according to the custom which is prevalent in the Athletic Association of making the captain president whenever possible. R. D. Bonney, 1913, was elected vice-president, and Walter Bylund becomes the new secretary-treasurer.

As Senior members of the Advisory Council, Earl and Ralph Ferry was chosen, and as Junior Class representative, the secretary-treasurer, Bylund, was elected. These elections to the Advisory Council are very important, for the Council takes complete control over all Institute athletics.

The nomination of Roger Freeman as manager of the Varsity crew was ratified by the Association, and they also ratified the date of January 5th for the indoor track meet, as arranged by the track management.

"POPS" WILL BE SUCCESS.

Much Interest in Concert—Men Should Buy Tickets Early.

A great deal of interest has been taken in the "Pop" Concert which is to be held at 8 o'clock Friday evening, December 8th, in the Union, and as the Orchestra has promised its best effort, which was evident in the program published yesterday, it is hoped that the entertainment, which is the first of its kind in the Institute, will mark an epoch in the history of Union entertainments. It will certainly prove to be a good time to all who attend.

The men have showed too little interest, however, in buying their tickets early, for it is very essential that Steward Colton know for what number to provide, and this is only possible by the purchase of tickets. He has prepared refreshments consisting of ice cream, cake and ginger ale, which will be included in the cost of the entrance fee, fifteen cents. There are a number of men selling tickets in the various departments, and tickets may be bought at the Cage as well. It is hoped that every man who can possibly attend will make an effort to do so and thus help the success of the first "Pop" Concert.

CONSERVATION OF BIRDS.

Germany has a bird conserving experiment station where artificial nests, foods and other instrumentalities for attracting the birds are tried out. Lectures are given and students from all parts of Europe come to be trained in the work, which is under the direction of Baron von Berlepoch, who has devoted his estate at Seebach to this purpose.

In view of the fact that birds are becoming such an important factor in the agricultural world, as well as in the field of sanitary engineering, it is evident that the experiments conducted at this new station will be invaluable, particularly to the next generation of engineers.

DR. ROSENAU TALKS ON MILK QUESTION

Harvard Professor Begins Course of Lectures in Huntington Hall.

The first of a course of six lectures on Milk, which will be given at 5 o'clock on Tuesday and Friday afternoons by Professor Milton J. Rosenau, was delivered yesterday. Doctor Rosenau is an authority on "The Milk Question," the subject of which he chose for his first talk, and he has given earnest attention and consideration to the prevention of the diseases which result from the use of impure milk.

The problem of clean milk is the most important branch of the pure food question. It is no exaggeration to say that milk is one of the necessities of our life, and it is the only animal food that is extensively used which is eaten raw. It has been proved that more harmful matter is disposed of in the cooking process of food than by any other means, and it can therefore be readily seen that the care with which milk is handled is of the utmost importance to the safety of the consumer.

The lecturer had some very interesting cartoons which he showed on the screen. Proper and improper cow barns, milkmen, methods of preparing milk and means of transporting it were depicted side by side, and the contrast was striking. Photographs of model dairies, from which our best Boston milk comes, were contrasted with dairies whose milk sells for two cents a quart.

Professor Rosenau is very optimistic in his views concerning "The Milk Question." While he realized that the obstacles which stand in the way of universally pure milk are tremendous and seem overpowering, he believes that the time will come when only that milk which is of the maximum purity will be sold. An encouraging law has been passed recently which states that milk bottles must be washed by the person who empties them, and that they must be washed immediately after emptying. In this connection a milk bottle which had been allowed to stand for some time without washing was shown on the screen, and the evidence was conclusive that germs grew in a milk bottle like flowers in a hot bed.

Doctor Rosenau proceeded with the help of slides to explain the manufacture of milk in the cow. The food products in the milk are obtained from the blood and the condition of the lungs of the animal is very important, for the purity of the blood depends very largely on the condition of the lungs. The water which the cow drinks has a very definite effect on the cleanliness of the product also.

Professor Rosenau will discuss the milk subject more fully on Friday of this week, and anyone who attends will find the lecture most interesting and instructive.

FACTS OF INHERITANCE.

Dr. Johannsen of Copenhagen Will Deliver Four Lectures.

This evening another Lowell Institute lecture course opens. The subject for this course is "Facts and Theories of Inheritance," and it will be delivered by Dr. W. Johannsen, Professor in the University of Copenhagen, Denmark. These lectures are to be delivered Wednesdays and Saturdays at 8 o'clock in the evening.

LITTLE INTEREST IN SWIMMING TEAM

Opportunity for Making the Team an Early Success Is Not Grasped.

This coming Saturday afternoon a second swimming meet will be held at the Cabot Tank. This series of races was intended to supply further elimination after those of last Saturday, but the results of the first trials could not be taken in any way final or even considered on account of the few men who reported at the tank. The only result which was noticeable, clearly and unmistakably, was the decided need of further improvement, not only to the number of men who intend to support this new sport, but also in the quality of the work already shown. The latter, of course, is easily obtained by more faithful and more consistent practice than has been held heretofore, and the former by a little interest rightly placed. As the situation now stands the swimming team suffers from a lack of candidates, from which to pick a final squad for the first meet with Brookline, occurring the nineteenth of this month. Furthermore, there are men in this Institute who are known to have made other swimming teams and records. These absentees are the ones needed especially by the squad, and still none of them have as yet reported.

It is true that this new sport seems to have acquired very little interest at the Institute. The main idea concerning it seems to encompass the incorrect fact that there is no reward, or even compensation for trying for a position on the team. The reward, if there must be one for each sport, should be supplied by the fact that the team has a future; that the present team is the origin, and men on it will have the honor of starting a branch of athletics that is rapidly coming into favor among the other colleges. The New Technology will have provided a large swimming pool and gymnasium. The Alumni and other donors have already completed a donation for this special purpose, realizing the increased demand for this new sport and recreation.

Meets have been arranged with several of these, among them Amherst, Brown and Williams, all of which have worthy teams. These will afford the men an opportunity of joining in a good, clean sport, and an afternoon's or evening's entertainment, as all the meets will be held away from Boston, and with scarcely any individual expense at all.

The team is fortunate in having a practise that takes less of the candidate's time than any of the other branches of athletics. As a matter of fact, the time occupied is made as short as possible, and care is taken that the work done in that short time is of the highest degree of efficiency. Practise is held daily at the Salvation Army Tank on Washington street, and should not need to take more than fifteen minutes at the most, besides the time occupied in walking to and from the tank.

President Benjamin Ide Wheeler of the University of California advocates the playing of Rugby football. He stated that he considers it a splendid sport and pointed out that at Oxford if a man did not get out and take part in the game he was looked on with a good deal of suspicion by the other men of the university.

MAJOR COLE EXPLAINS "RAPID FIRE SURVEYING"

Lecture Before Civil Engineers Tomorrow Afternoon at 4, In 6 Lowell.

To survey and completely map the topography of twenty-five square miles in one day is a feat even the mention of would make most classes in surveying stand aghast. Yet this is what the military topographers of the United States Army service turn off with as little effort as some of our students would manifest in running a transit line across Boylston street, and Major Cole of the Department of Military Science is going to tell the Civil Engineering Society how it is done in a talk before its members at 4 o'clock tomorrow afternoon, in 6 Lowell.

Major Cole has had a wide and varied experience in army life and has at his command a fund of authoritative, practical knowledge of how field engineering should be carried out. He came to the Institute this year from the faculty of the Fort Leavenworth Army Instruction School, and in his brief stay at Tech has become one of the most popular members of the instructing staff. He has attacked his work here with energetic, progressive ideals as a foundation, and has already brought about several innovations, for which he has received the commendation of both faculty and students. He was the originator of the scheme to give elective instruction in the tying of knots and other practical kinks of field engineering and construction.

Major Cole has numberless interesting stories of how things are done in army life, and the details of military topographic surveying he has chosen to talk about to the Civils. Our military topographers, he declares, go out in a single day and cover 25 square miles of country, and then fifteen minutes after the last man of the party hands in his notes at the end of the day an accurate blue print of the entire section is produced. And all this without any necessity of "fudging" the notes.

The modest title which Maj. Cole has applied to his talk tomorrow is "Military Map Making." But the students in the drawing rooms at the top of A and B have already begun to call it "Rapid-fire Surveying," and they are all going around to 6 Lowell tomorrow to learn if Major Cole can back up his assertion.

CALENDAR.

Wednesday, December 6th.

4.00—1915 Basketball Practice.
4.15—Orchestra Rehearsal—Union.
6.00—Hockey Practice—Arena.
6.00—Catholic Club Dinner—Union.
8.00—Lowell Lecture, "Facts and Theories of Inheritance"—Huntington Hall.

Thursday, December 7th.

1.30—Dean Hodges, "The Busy Day"—Union.
4.00—Maj. Cole Talks on Rapid-fire Surveying Before C. E. Society in 6 Lowell.
4.15—Civil Engineering Society Meeting—6 Lowell.
4.15—Glee Club Rehearsal.
6.30—Finance Committee Meets—Union.

Friday, December 8th.

6.00—Hockey Practice—Arena.
8.00—"Pop" Concert—Union.
8.00—Lecture by Berlage on Architecture—Huntington Hall.

Saturday, December 9th.

6.00—Senior Portfolio Nominations Due—Union

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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All communications should be addressed to the proper departments.

Subscriptions, \$2.00 per year, in advance. Single copies, 2 cents.
 Subscriptions within the Boston Post 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.

WEDNESDAY, DEC. 6, 1911

IN CHARGE OF THURSDAY ISSUE.

EDITOR—Waitt, A. H., 1914.
 Associates—Kaufman, M., 1911; Keller, P., 1915; Lewis, M. B., Jr., 1914.

Have you noticed the lack of those interesting meetings which were formerly held at frequent intervals known as Convocations? Two years ago these meetings were the only place where the students had a chance to get a taste of student life. The gatherings were enlivened by a large amount of cheering, and then a good speaker was provided who gave the students some advice a little different from that generally delivered by the members of the Faculty of the Institute. We hope that these in power will take steps to have a few Convocations before long and let the new men experience the feelings and get into the spirit of such a gathering.

Are you going to Pop Night? If not, why not? The committee has worked hard to make the evening a success and has arranged to have the newly recognized Orchestra present to officiate on the musical end. The refreshments will be liquid, but further than that we can not say anything in regard to that matter. A good time is promised all who attend.

Seniors!!! How about that dope that you are going to write about the new Honorary Scholastic Society? THE TECH wishes all Seniors to express their opinion in writing and bring it around.

M. A. C. PLAYS TONIGHT.

With Seven Veterans Back, Prospects Look Bright.

The Massachusetts Aggie hockey team will start their season tonight, when they meet the B. A. A. team at the Arena. The Amherst College is particularly fortunate this year in having of all of its first-class last year's team back. Last year they won from such schools as Yale and Trinity, and therefore they are expected to rank with the leaders this year.

Although they are in good condition the men have had almost no ice practice this season and are not expected to prove dangerous to the crack B. A. A. seven, which is composed entirely of ex-Harvard stars, and has already won from Tech and the St. Nicholas teams.

DR. MANN TO TALK TO ST. ANDREW'S MEETING

All Technology Episcopalians Invited to Meeting in Parish House.

Tonight, at 8 o'clock, the Technology Chapter of the Brotherhood of St. Andrew will hold a reception at the Trinity Parish House, 22 St. James avenue, to which all Episcopalians attending the Institute are very cordially invited. The reception is to be entirely informal, and it is hoped that a large number of Technology men will be present for the evening. The Reverend Dr. Mann, Rector of Trinity Church, will say a few words of welcome to the men, and let every one there know that he will always be as welcome in Trinity itself as he is to a meeting in Trinity Parish House this evening.

After Dr. Mann's talk there will be an opportunity for the strangers to get mutually acquainted, and to meet all the older members of the Chapter. Finally refreshments will be served, and it seems sure that no one will leave the house without being very glad that he had decided to go, even though it may have entailed some sacrifice of already crowded hours.

It may be interesting to some of us to learn that at the meeting last week of the Local Assembly of Chapters Mr. Kneeland, of the Organic Chemistry Department of the Institute, and the Director of the Technology Chapter was elected President of the Local Assembly.

HARVARD HOCKEY.

Practice Begins in Earnest—Football Men Out.

The Harvard hockey team is being developed in earnest now since the football men, Capt. Huntington, Blackall, Gardner and Willets are beginning to report for regular practice. Of the forwards left after Clifford and Hopkins had been declared ineligible, Wingate, Duncan, Palmer and Sortwell seem at present to be the most promising, although there is some talk of shifting Huntington up from the defence. The makeup of the defence is still doubtful, for some of the strongest men have not yet come out. Smart and Carnochan at goal, and Houston at cover point have done good work in the scrimmages against the B. A. A. team.

CATHOLICS WILL MEET.

Select Committee to Arrange for Dance in February.

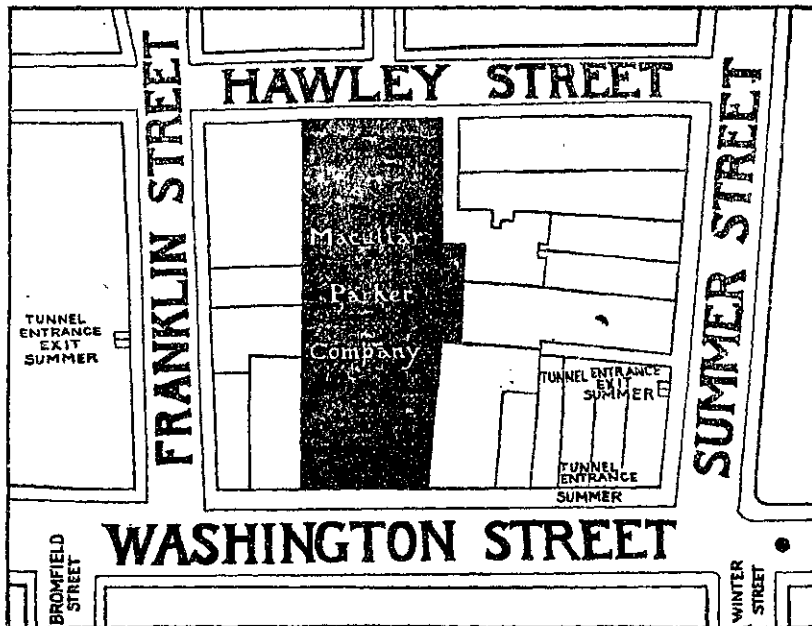
The Catholic Club will have a dinner and meeting in the Union this evening at 6 o'clock. Arrangements are being made to secure a speaker of note who will talk to the men on some interesting topic. This is an important gathering because business pertaining to the dance to be held the first of February will be taken up and a committee of five chosen for the purpose of completing the plans and attending to the details. The secretary will also make a complete report of last year's dance for the especial benefit of the new committee. As this is the last meeting of the club before the Christmas vacation and the last time for the men to get together before the dance, as many members as possible should be on hand tonight.

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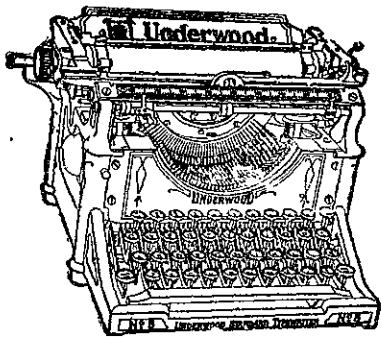
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Men.**

Varsity basketball practice was held in the gymnasium Monday afternoon, and the squad was given some good, hard work. After the shooting practice the men were given a fifteen-minute scrimmage with Capt. Schar as coach and referee. He is pulling a fast team into shape, but the task of picking the regulars looks no easier now than it did three weeks ago. Following the scrimmage and after a short rest the men were lined up against a number of the alumni, with Schatz of their own squad playing with the Grads to make up the team. The game was fast and hard-fought throughout, with the alumni leading a trifle on account of their experience. The Tech men played well, with plenty of life and wind throughout the two periods, keeping the alumni going all the time. Schatz proved a great help to the alumni team and showed very clever dodging and shooting ability. Schar and Freedman did the best work for the regulars. The new men were all given a chance at first with the older men taking their places later in the game. Things were more even after the experienced men took a hand, as evidenced by the number of goals which were shot in the second period. The final score was: Varsity 16, Alumni 19.

The lineup:

Varsity	Alumni.
Reed, Schar, f.....	f. Elle
McCarthy, f.....	f. Schatz
Mowry, c.....	c. Parker
Dalton, Freedman, g.....	g. Green
Morse, Capen, Hudson, g. g.	g. Darling

**PROMINENT EUROPEAN
ARCHITECT AT TECH**

Mr. H. P. Berlage of Amsterdam
Will Lecture On Dec. 8 in
Huntington Hall.

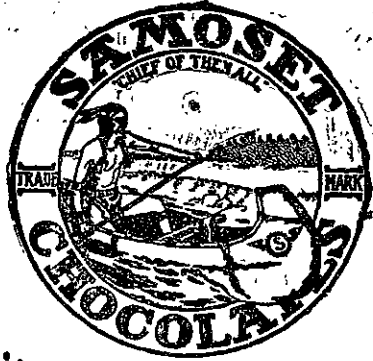
On Friday evening, December 8th, Mr. H. P. Berlage of Amsterdam, Holland, will lecture in Huntington Hall on "The Foundation and Development of Architecture." The lecture will be supplemented by views as well as by an exhibition of Mr. Berlage's work, which can be seen on December 7, 8 and 9, in 16 Rogers.

Mr. Berlage is a very prominent European architect and is one whose work is considered among the best. He has published many books in which he sets forth his architectural principles and the end toward which he is working. As an architect he has stood for the truest and best in architecture for years and has endeavored to make real progress in construction rather than imitating constantly the old models which are excellent in themselves, but which when imitated to too great a degree are apt to stop the advancement of a great art.

Mr. Berlage's only object in giving these lectures is to attempt to broaden the idea of architecture, and his lecture for this reason will be of such a nature that all can readily understand it. It will be found most interesting and instructive, and it is hoped that many Institute men will attend.

The Deutsches Verein of Harvard gave its 15th annual play, entitled "Der Unglauebige Thomas," last evening in Jordan Hall.

Germany has a bird conserving experiment station, where artificial nests, foods and other instrumentalities for attracting birds are "tried out." Lectures are given and students from all parts of Europe come to be trained in the work, which is under the direction of Baron von Berlepoch, who has devoted his estate at Seebach to this purpose.



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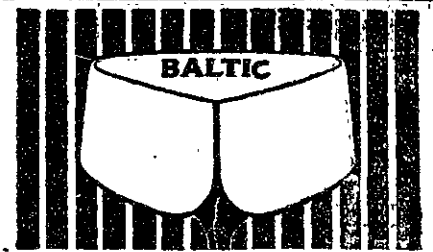
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1912.

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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)

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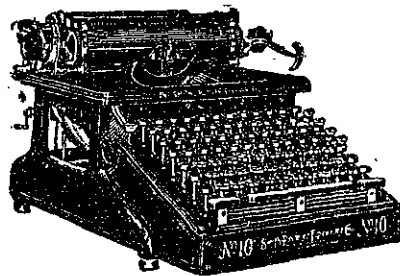
A second-hand Becker Balance Platinum Dish and Steam Water Path Address S. L. B., Cage, Tech Union. (60-2t)

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, 1913, before December 20. (60-3t)

It looks like another championship Relay Team this winter.

Those Calendar cards on the Union Bulletin Board begin to look like business.



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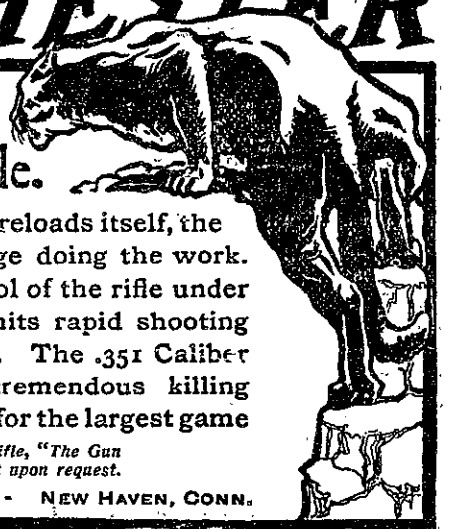
WINCHESTER

.351 CALIBER
Self-Loading Rifle.

As its name indicates, this rifle reloads itself, the recoil of the exploded cartridge doing the work. This places the complete control of the rifle under the trigger finger, which permits rapid shooting with great ease and accuracy. The .351 Caliber High-Power cartridge, has tremendous killing power, making it heavy enough for the largest game

Catalogue fully describing this rifle, "The Gun that shoots Through Steel," sent upon request.

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