

THE TECH

VOL. XXXII. NO. 79

BOSTON, MASS., FRIDAY, JANUARY 16, 1913

PRICE TWO CENTS

BIG ALUMNI DINNER IN NEW YORK FRIDAY

Matters of Vital Importance to Come Up—New Association Proposed.

Commencing tomorrow noon of this week, and ending Saturday night, Tech graduates from far and near will assemble in New York to be present at the greatest reunion of Technology Alumni that has ever been held. The arrangement of plans for the entertainment of the visitors will be conducted by the New York Alumni Association, and it will all be under the personal supervision of B. Hurd, '96. A program has been arranged that will keep the Alumni on the jump during the entire session.

Special trains will take members into New York from all parts of the country, and an especially large number will leave from Boston. Undergraduates are welcome and plans have been made for a large number, but owing to the proximity of mid-year's, it is doubtful if many will attend. The Technology Club, 17 Gramercy Park, will keep open house during the entire session and everyone is requested to pay them a visit.

A prize will be given for the man who comes the farthest to attend, and registrations have already been made from the remotest parts of this country. Some very well known men will
(Continued on Page 2.)

CONCERT AT WOBURN.

Tech Show Orchestra to Repeat Lowell Program Tomorrow.

Tomorrow night the Tech Show Orchestra will give a concert in Woburn, under the auspices of the Woburn Medical Association. The concert given at Lowell last Saturday was so well received that it has been decided to give a series of concerts in the suburbs of Boston, and this one tomorrow night will be a repetition of that at Lowell. The entertainment will be given in the Lyceum Hall at 8 o'clock.

The members of the Orchestra will be the same as at the last concert, but Mr. Eckman will conduct instead of the regular conductor, Mr. Osborne McCarthy. As Mr. Eckman has had some little experience with the Orchestra earlier in the season, and as his home is in Woburn, it was thought advisable to make this change for this one occasion. The Show announces, however, that on all other occasions the regular orchestra of thirty men, with Mr. McCarthy as leader, will play.

The concert will last two hours, and then there will be dancing from 10 till 12 o'clock. Besides this dancing there will be the attraction of the quartet and a reader, H. G. Mann '16.

The proceeds of the concert will go to the X-Ray Fund of the Charles Choate Memorial Hospital. This concert is arousing much interest in Woburn, and it is expected that the hall will be crowded to its capacity of 500.

RELAY TIME TRIALS.

Yesterday afternoon the preliminary time trials for the half-mile relay were held at the Gym, with Benson, C. T. Guething, Hill, Dean, Gagnon and Stubbs entered. Benson is showing up wonderfully well in the short distances, and is likely to push Germain, our fastest short distance man, more closely than was expected.

SKETCH OF ELECTRICAL ENGINEERING SOCIETY

Course Six Men Have Society Now More Than Twenty-five Years Old.

The Electrical Engineering Society had its origin over twenty-five years ago, in the form of an "Electrical Club," organized by the Junior students in electricity for the purpose of "bringing together persons interested in the study of electricity for discussion and mutual improvement." It was organized on October 25, 1888.

This was in the early days of electrical engineering at the Institute, about the time of its separation from the Department of Physics, with which it had been originally incorporated. From the very beginning the club has held to the policy of holding excursions to points of interest from point of view of the Electrical Engineer, and of having lectures from successful engineers and men of practical electrical experience. These are given before the club at its meetings, and are on technical subjects connected with the lecturer's individual line of work. To this policy is generally attributed the substantial growth and success of the society.

After several years of increasingly successful existence the club felt the need of increasing its scope, and accordingly adopted a new and somewhat broader constitution, stating as its object "the discussion of electrical and allied engineering subjects, the advancement of electrical information, and the promotion of good fellowship among its members." At the same time the name was changed to "The Electrical Engineering Society of M. I. T."

Most of the original meetings took the form of "Smoke Talks," at which papers were delivered by members of the club, but these soon gave way to the more instructive talks by professional men. The policy was also started of holding society dinners, most of them at the Union, but the last usually at a downtown hotel. This has proven a great promoter of social intercourse and good fellowship.

In 1903-4 several joint meetings were held with the local section of the
(Continued on Page 2.)

1915 BASKETBALL.

To Play Bridgewater Normal Saturday Evening.

Saturday night, at Bridgewater, the Sophomore basketball team will meet the team representing the Bridgewater Normal School. The game will take place at 8 P. M.

The 1915 team has been showing very good form of late, and are showing good speed and strength. After the fine work which they did in their last game, when they defeated the fast St. John's Prep team, the Sophomores are expecting to win.

The following men will participate in the game for the Sophomores: Morse, Quirk and Scully, forwards; Neuman, center; O'Brien, Wilson and Dalton, backs.

PHYSICS LECTURE.

Owing to the fact that Professor Cross will be in New York on Friday, to attend the Alumni dinner, the classes in Physics that he meets usually will be omitted.

NEW ENGLISH COURSE OFFERS ADVANTAGES

All Freshmen Desiring to Enter Should See English Department at Once.

The second term is almost here, and with the new term comes an innovation in the life of THE TECH. There will no longer be any reason for the paper to seek desirable men, for the men will be seeking THE TECH. Professor Bates' announcement of the new Freshman English course opened a great field for ambitious Freshmen.

This new course might be called THE TECH English Course. It is open to a limited number of Freshmen only, and those men who intend to join it should make application to the English department as soon as possible. Only men who have received a mark of "P" or better in the first term will be permitted to join. Such men will have all the privileges of other men trying out for THE TECH, and will be credited with fifteen of their thirty hours of second term English. It is required, however, that the term's work consist of no less than thirty-five hundred words in the form of articles published in THE TECH, and other articles submitted to the instructors.

This experimental course will be of direct benefit to THE TECH. It is no easy matter in an Institute of this kind to get a sufficient number of good men out for the newspaper. The men here are in no way of less journalistic ability than average college men, nor are they less interested in the college activities, but they hesitate to come out for the paper because of their college work. They have come here to learn to become engineers, and it would not be fair to themselves if they neglected that work for any activity. But now they are offered credit for this very work, and will no longer be doing it at a sacrifice of their studies.

A course of this kind offers wonderful advantages to any Freshman. In the first place he gains a general knowledge of journalism; he likewise learns how to do practical thinking quickly. He learns how to approach a man, how to talk to him, and how to make himself understood. And besides all this he learns the meaning of economy of time, a knowledge of which will more than repay him in after years for the work he has done on the paper.

(Continued on Page 2.)

COURSE II SMOKER.

Architecturals Meet Tonight For Talk by Mr. Williams.

The Architectural Society will have a smoker tonight on the fourth floor of the Pierce Building. In order that the fellows can leave early the meeting will commence promptly at 7 o'clock.

Mr. E. I. Williams will be the speaker of the evening. Mr. Williams, who won the Traveling Scholarship in 1909, is taking Mr. Cox's place in the architectural department. There will be plenty of tobacco furnished so that the fellows can appreciate the talk and also get their throats dry for what follows. After the talk of the evening the fellows will cluster around a Dutch supper. The price of the tickets is thirty-five cents. Anyone who so desires may attend.

CHEMICAL SOCIETY MEETS THIS EVENING

Professor Lewis to Talk on "The Professional Man in the Community."

Tonight, at 7.30 o'clock, the Chemical Society will hold its last meeting of this term in the Union. Besides being an important business meeting, it will also be the regular January social meeting, with Professor Warren K. Lewis as speaker. Professor Lewis has so impressed the Seniors whom he teaches in the Industrial Chemistry Laboratory that they say no one should miss the talk that he will give tonight. His subject will be "The Professional Man in the Community," and he will probably treat it from his own personal viewpoint, as he did practical work for several years before he took up teaching at the Institute. Professor Lewis is a comparatively young man, and is by far the youngest Associate Professor here. He is in active touch with present issues in the industrial applications of chemistry, as he is consulting chemist for several manufacturing concerns, and also Secretary of the Northeastern Section of the American Chemical Society.

At the business meeting which will precede the talk of Professor Lewis the matter of the revision of the constitution will probably come up, for the constitution at present makes no provision for several important changes that have been made in the policy of the society. The question of raising the dues, or of making other arrangements to put the standing of the society on a solid basis for the coming years, will be thoroughly discussed, and it is expected that every member of the society will attend tonight to express his views on any change.

WIRELESS SOCIETY.

Monthly Meeting to Be Held Tomorrow Afternoon in 11 B.

All members of the local Wireless Society, and all others who are interested in wireless or allied subjects, are reminded that a regular monthly meeting of the society is to be held in Room 11, Eng. B, at 4.15 tomorrow afternoon. An important matter of business is to be considered and the officers desire a full attendance.

Plans will be made for remodeling the society's station to comply with the new wireless regulations of the government, and the members will be given an idea about the examinations for amateur operations by some of the members who have already taken the examination.

The Purdue athletic management is looking for a new football coach to take the place of J. E. Moll, who died during the Christmas holidays.

CALENDAR.

Thursday, January 16, 1913.
Wrestling Team—Salem Y. M. C. A.
7.30—Chemical Society Meeting—Union.

Friday, January 17, 1913.
4.15—Wireless Society—11 Eng. B.
8.00—Tech Show Orchestra Concert—Woburn.

Alumni Meeting at New York.
Saturday, January 18, 1913.
1915 Basketball vs. Bridgewater Normal.

Alumni Meeting at New York.
Wrestling Team—Marblehead.

THE TECH

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FRIDAY, JANUARY 16, 1913

As we have said many times during the year, we are seeking the co-operation of every Technology man in helping us publish the best college newspaper in the country, and it is often a source of much regret that there is so little criticism given to us openly. Unfortunately the various members of the staff are compelled to hear many remarks of an uncomplimentary nature in going about the Institute, but there have been only two or three instances during the term that men have come to us with a good, straightforward complaint or suggestion.

Our columns are open to communications, whether of a complimentary nature or not, and we invite criticism and controversy concerning any article that is published, or any department in the general management.

Men can co-operate with us in another way by patronizing our advertisers and mentioning our name when they buy from them. With the opening of the second term we shall need many more advertisers, and a great service can be done for THE TECH if any man who knows a merchant or manufacturer who might advertise in its columns will leave their names for the Advertising Manager at THE TECH-office.

We sincerely hope that every man will consider THE TECH his Institute activity and will endeavor to give it his own personal effort in furthering its ideas and ideals.

ALUMNI REUNION.

(Continued from Page 1, Col. 1.)

be present at the convention, for in scientific, health and commercial lines, Technology men hold an enviable position. The West will be represented by H. O. Bosworth, '02, manager of the Mine and Smelter Supply Company of Denver, and David Van Elistyne, '86, from Milwaukee.

From the South come, among others, S. G. Bates, vice-president of the Eastern Kentucky Railway, of Riverton, Kentucky. Over a dozen men are coming from Ohio, and as many from western New York. A large delegation is expected from New Jersey. Coleman DuPont, the powder magnate, Captain David A. Lyle, the inventor of the gun that bears his name, and also the six Tech men who were elected by the Mayor of Philadelphia to serve on the health board, will be conspicuous.

A roll call of prominent Technology graduates has been proposed, and will doubtless be carried out. This would
(Continued on Page 3.)

WRESTLING TEAM GOES AGAINST SALEM TONIGHT

Men Expect to Put Up Strong Fight Against Powerful Salem Y. M. C. A.

Tonight the wrestling team goes to Salem to meet the strong Salem Y. M. C. A. team, which is considered one of the best teams in this part of the State. The team had been picked for this game a day or two ago, but owing to the fact that Means is still troubled by the sprain that kept him out of the recent East Weymouth game, it is probable that Manager Blodgett will take his place in the 125-pound class under a handicap. J. G. Kelley, the 125-pound man, is probably the best man on the team, as he has had considerable previous experience, and has shown up well, especially at the last match, at East Weymouth. The lightest man on the team is Sayer, in the 115-pound class. Sayer is a Freshman from Andover, and it is expected that he will show up well, although this will be his first meet here. Smythe-Martin, in the 145-pound class, the only man who won his match at the game at Salem last year, will probably meet Sullivan, his old opponent, again this year. Alexander, another man in the 145-pound class, and Crowell, heavyweight, are in good condition, and are expected to show up well.

Tonight's meet will be closely contested, and will give the men a rather strenuous training for the meet with Marblehead Saturday.

At the meeting of the M. I. T. Athletic Association this afternoon the wrestling team was recommended to the Executive Committee of the Association for recognition as an Institute activity. Any action on this recommendation will be announced later in THE TECH.

NEW ENGLISH COURSE.

(Continued from Page 1, Col. 3.)

There is lots of room on the editorial staff for good men, and all men who work on the paper are eligible for election to this staff. Because a man knows nothing of the procedure of this kind of work is the very reason he should come out for it; he will find that with a little earnest work he can soon master the work which makes possible a daily newspaper at the Institute.

ELECTRICAL SOCIETY.

(Continued from Page 1, Col. 2.)

American Institute of Electrical Engineers, and it is still customary to have the president of the latter organization present at one of the meetings each year. This position was held for several years by Professor Jackson, the head of our Electrical Department, who has just returned from his appraisal, at the request of the British government, of the telephone systems of England.

The society has more than kept pace with the growth of Course VI, and is now the second largest of the professional societies of the Institute. In addition to providing a social meeting ground for students and instructors, it supplements to a considerable extent the theoretical work of the class room with the practical experience of successful men of the profession.

The active membership in this society is limited to the upper classes, with Sophomores as associate members, of Courses VI, VIII and XIV. Several members of the Faculty and a number of active engineers are honorary members of the society.

The officers of the society at the beginning of this year were: President, Robert H. Woods, Jr.; Vice-President, F. C. Weiss; Secretary, C. J. McCarthy; Treasurer, W. A. Ready. President Woods has recently resigned, his place being taken by Vice-
(Continued on Page 3.)



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**CLASS HISTORIES
SLOW IN COMING IN**

Technique, 1914, Needs More Grinds — Photographs Also Much Desired.

Technique, 1914, is now rapidly assuming form, and it is but a matter of a comparatively short time when the heap of pictures, paper and photographs that now fill the Technique office will have entirely disappeared to make a successful Year Book. Matters are progressing nicely, in general, but the remaining material is slow in coming in. In particular, the class histories are causing great concern, for only the Freshman History has been accepted. The time limit for these is February 5, and any men intending to write histories will have a part of vacation to work on them. There is always room for more grinds, and any of the latter will be gladly received. Several men have promised to work some up during the mid-year recess. Very few photographs have been handed in for the grind column, and if any man possesses any suitable ones for the purpose the Technique management would like him to submit them at once.

These shortcomings are no more nor less than are experienced in the publication of any book. Technique, 1914, is, on the whole, progressing very well. The work on the book is now half through, and the first hundred pages went down to the printer's yesterday. The management sees no reason, if these few slow matters are hurried in, why this year's Technique should not eclipse all former ones.

ELECTRICAL SOCIETY.
(Continued from Page 2.)

President Weiss. The election of a new Vice-President is now going on, H. E. Randall, Jr., and J. E. Tennant having been nominated.

The society is now planning an extensive trip to include most of the important electrical plants in New York State. The party will start on Sunday, February 2nd, at 4 P. M., the trip terminating at 5 P. M., February 7, in New York, where each man may choose between returning to Boston or prolonging his vacation in the metropolis.

The exact details of the trip are not certainly determined as yet, but it will probably be as follows: Monday, February 3, electric furnaces of the Acheson Graphite Co., the electric equipment of the Shredded Wheat Co. and Canadian N. F. Power Co., of Niagara Falls, and the electrical Development Co. of Ontario; Tuesday, February 4, blast furnace gas engine equipment of the Lackawanna Steel Co. at Buffalo; Wednesday, February 5, laboratories of the General Electric Company at Schenectady; Thursday, February 6, and Friday, February 7, Waterside Stations, large turbines of the New York Edison Co., and Fifty-ninth Street Station.

On account of the large number going special sleepers and coaches have been obtained, as well as special rates. The cost of the trip will be \$33.75, open to all Institute men.

LOWELL INSTITUTE.

This afternoon, at 5 o'clock, Professor Eucken will give the fourth of his talks on "The Fundamental Problems of Human Life," in Huntington Hall. His topic for this afternoon will be "The Greatness of Kant."

He who knows not, and knows not that he knows not, is a fool; avoid him. He who knows not, and knows that he knows not, is ignorant; teach him. He who knows, and knows not that he knows, is asleep; wake him. He who knows, and knows that he knows, is wise; follow him.

**EFFICIENCY TEST
AT HARVARD**

Investigation Recently Started Involving Professors and Instructors.

The movement for obtaining the highest possible efficiency is extending even to the universities, as is shown by a recent action which has been taken at Harvard. During the past week every professor and instructor at the University has received a card from the authorities asking how much of his time is taken up by the various college duties. Each one was asked to state how many hours a week he had of actual instruction; how long he spent in preparation for each recitation or lecture; what amount of time he spent in outside research work, and how long the marking of examination papers and daily exercises took him. Besides these there were numerous other questions relating to similar matters.

The object of this inquiry has not yet been announced, but it is presumed that it has been done in an attempt to increase the efficiency of the Faculty, and to see that no man has too much work on his hands; also that none has too little.

This is the first time that such a movement has been undertaken at any of the large universities in the country.

ALUMNI REUNION.

(Continued from Page 2.)

bring out the names of men prominent in every line of work, men who have found their way to the top in the business world.

One of the most vital subjects that will be considered at the meeting will be the plan for organization of all the Technology clubs in the country under the name of Technology Clubs Associated. The plan is to unite the various Technology clubs all over the country and to develop their activity, thus helping not only the local associations, but also the Alumni Association. The proposed organization will hold meetings yearly in different sections of the country.

On the afternoon of January 17 it is proposed to adopt the constitution, to elect officers and fix a place for next year's meeting. Copies of the proposed constitution have been sent out to the secretaries of the local clubs and communications for criticism have been solicited. The voting that will take place to decide whether or not this proposed association shall exist will be carried on by clubs or associations, each having one vote.

The specific program as arranged by those in charge will be as follows:

Friday, January 17.
12.00 M.—Registration at the reunion headquarters, The Plaza, on arrival.

1.00 P. M.—Luncheon at The Plaza (arranged according to classes and courses).

3.00 P. M.—Big mass meeting at The Plaza. President Maclaurin will speak. Mr. John R. Freeman will arouse enthusiasm and speak about the New Site. Professor D. R. Dewey, Professor A. A. Noyes and Professor W. T. Sedgwick will also speak.

4.00 P. M.—Formation of the Technology Clubs Associated, a new organization to be formed. The purpose of this organization is to maintain a central federation.

5.00 P. M.—Tea at The Plaza. Friday night is left open so that the men can see the city if they so desire.

Saturday, January 18.
8.30 P. M.—Clubs and societies breakfast at The Plaza.

1.00 P. M.—Class luncheons, to be arranged by the classes.

7.00 P. M.—Annual banquet of the Alumni Association of the Massachusetts Institute of Technology at The Plaza, presided over by James W. Rollins, '78, president.

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 Sections 2 and 3 will recite in Room 49, Engineering A, on Tuesdays and Thursdays, and in Room 21, Lowell, on Saturdays, at the same hour.
 All sections should prepare articles 6 to 12 inclusive of Russell's Hydraulics.

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1915 FOOTBALL Team Picture at Notman's on Wednesday, January 15, at 1.30.

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