

THE TECH

VOL. XXX. NO. 10

BOSTON, MASS., TUESDAY, OCTOBER 18, 1910

PRICE TWO CENTS

TECHNOLOGY CREW MAKES GOOD SHOWING

Material for Two Good Eights No More Races Arranged This Fall

Fall rowing practice has been directed chiefly to the development of new men. Thirty have reported so far, and Coach O'Leary intends to devote almost all his efforts from now until the end of the season to the new men. Now is the time for new men to come out and get a try-out, since every man who comes to the Union Boat Club boathouse can get an opportunity to row in the shell. Next Spring the coach will spend his time with the Varsity eight and will be unable to give new men much attention. He is now training a second crew and picking the men to fill the two vacancies in the first shell.

From now on practice for the first crew will come only three times a week, at 5 o'clock, in the hope that the men can come out regularly and practice altogether. The last year's crew men have not been showing up as often as could be desired, and this new system is introduced instead of the daily practice at 4 o'clock. All others will report every afternoon at 4 o'clock, as heretofore.

No races will be arranged this season except one between the first and second crews, which will come toward the end of this month if the second string develops as well as it promises to at the present time. Practice will continue until the weather prevents going on the river, or as long as enough men report to fill the shell. The prospects for a strong crew next year are very bright, and it is almost

Of those who have recently taken advanced degrees at the Institute, Dr. H. S. Osborne is employed in special research work with the American Telegraph and Telephone Company; Dr. W. S. Rodman has become an associate professor of Electrical Engineering in the University of Virginia; Mr. L. S. Winchester, who took the master degree, has not accepted definitely any position. Mr. R. S. Jones, who also took an M. S., is now a fellow here and is a probable candidate for the doctor's degree.

CALENDAR.

Tuesday.

1.00—Cosmopolitan Club Picture—Rogers Steps.
4.00—Crew Practice.
4.00—1913 Football Practice—Oval.
4.00—1914 Football Practice—Field.
4.00—Relay Practice—Field.

Wednesday.

4.00—Crew Practice.
4.00—1913 Football Practice—Oval.
4.00—1913 Relay Practice—Field.
4.00—1913 Tug-of-War Practice—Gym.
4.00—1914 Football Practice—Field.
4.00—1914 Relay Practice—Field.
4.00—1914 Tug-of-War Practice—Gym.
7.30—Chemical Society Meeting—Union.

Thursday.

4.00—Orchestra Rehearsal—Union.
4.00—Crew Practice.
4.00—1913 Football Practice—Oval.
4.00—1913 Relay Practice—Field.
4.00—1913 Tug-of-War Practice—Gym.
4.00—1914 Football Practice—Field.
4.00—1914 Relay Practice—Field.
4.00—1914 Tug-of-War Practice—Gym.
4.15—C. E. Society Meeting—6 L.

AERO CLUB TO ATTEMPT FLIGHTS AT TYNGSBORO

For To-Day's Meeting of Alumni of the Merrimack Valley

At the request of the Technology Club of the Merrimack Valley the Tech Aero Club will demonstrate the balance glider at the Vesper-Country Club grounds this afternoon.

The affair is entirely in the hands of the alumni, and the Aero Club has only been asked to make some short flights some time during the afternoon for the benefit of the alumni.

The balance glider has to be controlled by swinging the weight of the body in different directions. This makes it necessary to swing the body below the glider and to support by the arms. As a consequence these gliders are rarely kept in the air for more than a few seconds. From this it will be seen that nothing sensational is to be looked for at the alumni reunion tomorrow, as might have been surmised from yesterday's reports. On the contrary, it is probable that no flight will exceed four or five hundred feet in length.

An automobile will be used for towing, but the nature of the field makes extended flights impractical.

The new aeroplane-glider, finished the first of the year, will not be taken to Lowell, as it is unsuitable for use in such short flights. The flights with the aeroplane-glider will, however, be resumed as soon as a suitable place for storing it can be obtained. It will be necessary to obtain a storing place near an open field, and some difficulty has been met in finding such a location.

Five members of the Aero Club will be at Lowell, and in case the wind is high the machine will not be towed with the automobile, but will probably be sent up by hand towing with the club's safety ropes on the sides.

The machine will be under the supervision of H. F. Lehmann 1912, president of the M. I. T. Aero Club; F. W. Caldwell 1912, treasurer, and G. W. Forrester 1912, of the Engineering Committee. The aviators are B. C. Huber and B. N. Pales. A number of long flights will be made if the country about the getaway is suitable for such work. If there are hills which produce dangerous air currents the Tech operators will amuse the crowd by exhibitions of gliding and short flights at a very low altitude.

The Engineering Committee in charge of the work includes H. F. Lehmann, F. W. Caldwell, G. H. Abel and G. W. Forrester. The later part of the afternoon will be devoted to tennis and golf.

In the evening a banquet will be given in honor of the Technology birdmen, at which Professor Abbott Lawrence Rotch of Harvard, President of the Harvard Aeronautical Society and director of the Blue Hill Meteorological Observatory, will speak on aeronautics. Congressman Butler Ames will also address the aviators on the conquest of the air.

The summer work with the Boston Elevated consisted of general office work, photometer of lamps, drafting, rail joint testing, cable testing, surveying and heating tests on motors in elevated cars.

Mr. Hemmenway, former President of the Electrical Engineering Society, who was forced to give up his studies last year on account of ill health, has returned to the Institute. He has been employed with the Ontario Power Company.

FAIR SHOWING MADE AT 1914 RELAY TRIALS

But Competition Has Not Been Keen Enough to Develop a Strong Team

The preliminary trials of the Freshmen class, held yesterday afternoon, afforded the first opportunity to size up the new material. As was to be expected, the trials showed the lack of interest which seems to be characteristic of the class thus far. If, however, those who took their trials will continue to practice and train faithfully Coach Kanaly thinks a team can be developed which will at least come up to the standard of past years. Comparison at the present time is impossible, as several candidates ran who have been working but a few days. This would naturally make the average time considerably slower.

A practice race is scheduled for Wednesday, October 19, with the English High School. The team which runs in this race will not go through to the finals if better men show up, or if those working at the present time can improve. Coach Kanaly says he will give a man a time trial at any time if he thinks he can do better than his first record. With this inducement and two weeks' time for practice, every man who has run at all this year should settle down to work for a winning team.

The men who tried out yesterday afternoon were: Nate, Cohen, Wyman, Callahan, Guething, Lewis, Stubbs, Lucas, Hurlbutt, Whitwell, Walsh, Lovett, G. W. White, Tisdale, J. M. White, Hall, Long, McCullough, Newlin and Nye.

It is a certainty that a race will be arranged with the Princeton eight in (Continued on Page 4.)

ATHLETICS PLAY RINGS AROUND CHICAGO CUBS.

Mainly through the masterly pitching of "Big Chief" Bender, Connie Mack's Athletics were able to defeat Frank Chance's Chicago Cubs in the game of the world's series at Philadelphia yesterday, by a score of 4 to 1. During the first eight innings Bender was absolutely invincible, but three men facing him in an inning. In the ninth he let up somewhat and the Cubs scored their lone tally.

On the other hand, the home team took most kindly to Orval Overall's shoots, walloping them to all corners of the large enclosure. But for ground rules, which limited a hit into the crowd to two bases, the Philadelphia score would have been much larger. Baker, with two two-baggers and a single in four trips to the plate, was the scintillating star of the day, while "Eddie" Collins' work was also of the highest order.

Both teams fielded well, and Kling and Thomas threw well to bases. Thomas had a shade on his Chicago rival, however, as he nailed every would-be Chicago base stealer.

The home team began their scoring in the second inning. Baker led off with a screaming double, which on ordinary occasions would have been good for at least three bags. Davis sacrificed Baker to third, from whence he scored on a timely single by Murphy. Murphy promptly stole second, and scored on a single by Bender. After Barry had been thrown out at first, and Thomas had walked, Strunk closed the inning with a fly to Sheekard.

(Continued on Page 2.)

DEATH OF MRS. JULIA WARD HOWE

Famous Poetess Passes Away at Her Home in Newport

Mrs. Julia Ward Howe died at her summer home in Newport, R. I. shortly before noon yesterday. Mrs. Ward has lived a long, eventful life during which she has gained the undeniable distinction of being the foremost American woman of her time. She has gained fame as a preacher, a poet, a lover of music and art, a sympathizer of all oppressed people, a maker of home, the gentlest and most holy that can be conceived, a helpful, loving, kind woman, and a friend of the richest and most influential people of this country.

The death of Mrs. Ward, although sudden, was not entirely unexpected, for she had reached the great age of ninety-one years, and her health had gradually been failing for some time past. A short time ago Smith College conferred upon her the honorary degree of doctor of laws. At this ceremony she was brought to the platform in a wheel chair. It was the third degree that has been conferred upon her; Brown University and Tufts both giving her degrees during the last decade.

Mrs. Ward has gained a large part of her fame through the well-known hymns which she wrote during the Civil War. "The Battle Hymn of the Republic" is one of the most popular as well as one of the most powerful war songs ever written.

TECHNIQUE BOARD MEETING.

The 1912 Technique Board held a short meeting yesterday afternoon in the Union. The only important business taken up was the question of assistant to the Business Manager. The editors hope that a large number of Freshmen and Sophomores will come out as candidates for the position. All the work done in this capacity will count in the election of Business Managers for future Techniques.

A very important meeting will be held next Monday, when an Art Editor will be elected to succeed G. T. Edgerton, who has resigned.

The editors announce that work has begun in earnest and good results are being shown. The business end in particular is in a very good condition for so early in the season.

CHESS CLUB.

The Executive Committee of the Chess Club have been busy since the beginning of the term drawing up plans for this year's playing. New cards which can be exchanged at the Cage for sets of men and boards will be issued to the members, and strict instructions given not to let a set of men be taken unless one of these exchange cards is presented.

The team to represent the club will be chosen, as usual, by a series of tournaments, and the better players will then play simultaneous signals against the less skillful men. In this way everyone will get a chance to better his game.

A meeting of the club is to be held in Room 8, Engineering C, Wednesday, at 1 o'clock. New officers will be chosen and a date set for the first tournament. All new men who wish to become members should attend this meeting.

THE TECH

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TUESDAY, OCTOBER 18, 1910.

Participants on Technology Field Day are entitled to class numerals as follows: First, members of the football teams, including managers; second, members of the winning team in the relay race, including manager; third, members of the winning tug-of-war team, including manager. As is always the case, some of the most promising candidates for the Field Day teams are neglecting the regular daily practice and are relying upon natural brilliance to secure for themselves positions on the contesting teams. Other men are showing true loyalty to their class by faithfully practicing in spite of the fear of being crowded out later by their more shiftless but more brilliant classmates. As a suggestion, would it not be well to limit the award of numerals to those members of the teams who have reported at a certain percentage of the practice?

Notice comes from Coach Kanaly that Freshmen are not keeping their appointments for physical examinations. Delay not only inconveniences the examiner and necessitates new appointments, but it merely postpones the examination for the Freshmen, and incidentally may give him a deficiency on his report. Stop at the Gym for your new appointment and get after those Cabot medals.

(Continued from Page 1.)

The Athletics added another in the third. Briscoe Lord smashed the first ball pitched into the crowd for two bases. Collins sacrificed him to third. Baker was again the "man of the hour," and scored Lord with a pretty single. Davis fanned and baker was put out stealing second. Chance decided Overall had had enough, and replaced him by McIntyre.

McIntyre went along in fine style until the eighth, when Mack's men added their last tally on a pass to Collins, a wild throw by McIntyre to catch Collins napping, and another timely double by Baker.

Bender went along like a whirlwind for eight innings, but in the ninth he eased up and Chicago was quick to take advantage. Tinker opened with a single and scored a moment later

on Kling's double. Kane ran for Kling and Beaumont was sent to bat for McIntyre. Beaumont was thrown out by Collins. Sheckard fanned. Schulte was intentionally passed, and the game closed when Hofman forced Kane at third.

The two teams meet again this afternoon at Philadelphia.

The score:
 1 2 3 4 5 6 7 8 9—r h e
 Athletics ...0 2 1 0 0 0 0 1 x—4 7 0
 Chicago0 0 0 0 0 0 0 0 1—1 3 1
 Batteries—Bender and Thomas;
 Overall, McIntyre and Kling.

ELECTRICAL ENGINEERING SOCIETY NEWS.

Interesting Plans for the Year—Many Excursions Arranged.

The Electrical Engineering Society, founded on October 25, 1888, as the "Tech Electric Club," has been active more or less continuously since that date.

The society draws its active members from the Junior and Senior classes of Courses VI, VIII and XIV. A very high percentage of eligible men have always allied themselves to the society, as it afforded them the first opportunity for showing interest in their future profession, and for the discussions of the practical electrical problems they are soon to meet. Ample and interesting proof of the value attached to membership in this society, by men now in the forefront of the profession, is found in the records of the meetings held years ago, in the early days of Course VI.

If present plans are indicative of the future, this year will show an increased activity on the part of the society. A regular meeting is planned for each month. At some of these will be dinners with a prominent engineer as the guest of honor, who will address the society on some current electrical engineering topic. At other meetings members themselves will present papers which, it is hoped, will stimulate discussion on the part of the others and draw a large number of men into active participation in the meetings.

In the line of excursions to electrical plants and manufacturing establishments, a new plan has been discussed by the officers and some members, whereby all engineering excursions shall be held under the auspices of the society and arranged and conducted with the co-operation of a faculty committee on such matters; each excursion to be accompanied by some member of the faculty. This plan preserves the advantages of excursions arranged by the society with the additional advantage of a competent guide to point out and explain matters of interest. Excursions are to be held between meetings, and should they prove as popular as heretofore they will have to be run in sections.

The first excursion for the year will be taken Friday afternoon, October 21, to the plant of the General Electric (Continued on Page 3.)

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(Continued from Page 2.)

Company at Lynn. Excursions to this plant have been made in past years, and have always proved popular, as they are probably as instructive as any that may be taken. Professor Wickenden will accompany the men next Friday. All members of the society, or all men of Courses VI, VIII and XIV who intend joining the society this year who wish to take this excursion should sign their names at once to the list posted upon the E. E. Society Bulletin in Lowell Corridor, opposite Room 6. If a sufficient number of men sign up a special car will be run from Scollay square, which will make the trip much more pleasant.

A full account of the first meeting of the society appeared in Monday's Tech. The officers of the society were working under something of a handicap, as certain important records of the society had been misplaced. These have now been found, however, and the proceedings can take place as usual.

Arrangements have been made with the management of the Mechanics' Fair, now being held in Mechanics' Hall on Huntington avenue, so that members of the society may attend the fair on Wednesday evening, October 19, at the reduced admission of 15 cents. In order to obtain this rate a party of at least 25 must be made up. The fair contains many exhibits of interest to students of electricity. The Edison Company has a large exhibit of Thomas A. Edison's inventions, including his latest types of primary light weight storage cells. The Gould storage cell is also on exhibition, the man in charge of the booth being a graduate of the Lowell Institute. Other mechanical exhibits are of general interest, and the prospective electrical engineer should not fail to inspect them, for, as certain members of the faculty have demonstrated, electrical engineering does not necessarily have "wires hitched to it." All men desiring to take advantage of this exceptional opportunity should sign the list posted upon the door of the Electrical Engineering Library, in Lowell corridor.

Professor Jackson has been engaged in professional work during the summer and has also been preparing a new book.

Professor Pender has also been writing a new book upon Electrical Engineering, which will soon be ready for publication.

Professor Wickenden spent most of the summer in organizing department work with the National Lamp Association in Cleveland, Ohio.

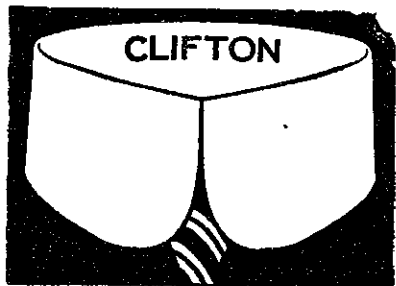
Professors Lawrence, Laws and Smith spent the summer largely in recreation, although Professor Laws has done some experimental work.

Mr. E. J. Edwards has accepted an exceptionally good position with the National Electric Lamp Association of Cleveland, Ohio.

Mr. R. C. Glancy and I. J. Van Horn are also with this association.

Mr. G. B. Thomas has been appointed instructor with increased responsibility at Colorado College, Colorado Springs. Mr. Burgess is with the American Telephone and Telegraph Company. Mr. E. P. Black is at present engaged in research work in the Carnegie Nutrition Laboratory, and Mr. Gray has taken a position with the Telluride Power Company.

New assistants appointed are: Mr. L. N. Downes, M. I. T. 1910; Mr. H. Agge, graduate of Penn. State College; Mr. R. M. George, graduate of Princeton and M. I. T. 1910; Mr. F. R. Luffkin 1910; Mr. F. G. Perry 1909, recently with the Boston Elevated Railway Company; Mr. H. P. Thomson, Washington University, 1910; and Mr. C. L. Dawes, M. I. T. 1909, who was with the Physics Department last year.



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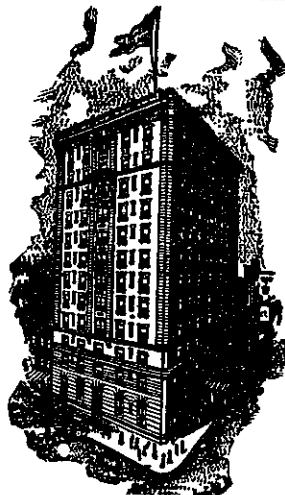
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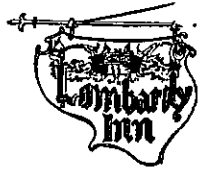
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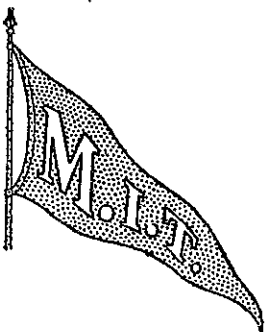
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(Continued from Page 1.)
June. Another possibility is that there will be a four-oared crew next Spring, but this will depend largely on the financial support that the crew receives.

Only one race has been held this year. A four-oared crew, consisting of Gere, bow; Ruby, No. 2; Barnes, No. 3, and Upham, stroke, rowed last Wednesday. Their opponents were the Jeffries Point Rowing Association. The water was very rough and a strong wind swept along the river. Starting under the Cambridge shore, the course extended to the B. A. A. boathouse, three-quarters of a mile up river and return.

On the up stretch the Jeffries Point four opened up a lead of nearly two lengths, but after the turn the Tech shell gained steadily until the former turned out to follow a turn in the wall, bringing them directly in front of the Institute shell. The latter crashed into the Jeffries Point boat, staving a hole in the bow deck of the Tech shell and letting in the water. While the decision was against the Technology four, the general opinion of the spectators was that they were not at fault. On account of the leak in the Institute boat the race could not be rowed over. The race would have unquestionably gone to Tech had it not been for this unfortunate accident, as they were gaining rapidly and their opponents seemed tired.

ART MUSEUM.
Free tickets of admission to the Museum of Arts for the year 1910-1911 will be issued to students upon application at the ticket office at the entrance to the Museum.
H. S. STORY,
Curator.

COSMOPOLITAN CLUB.
On account of the great interest taken by the alumni in the Cosmopolitan Club, a picture is to be taken of the members for the Technology Review, Thursday, at 1 o'clock, on Rogers steps. The picture will also be published in the Sunday issues of several Boston and New York papers, and will be rather unique in that it will give a good idea of the worldwide area from which the Institute draws its students. All new men who intend to join the club are urged to meet on the steps with the older members.

FOREIGN STUDENTS.

All foreign students at the Institute who desire to become members of the Cosmopolitan Club should leave their names at the Cage for Isaac Hausman, secretary, at once. Americans desiring to join should do likewise, but election to membership is not guaranteed.

BASKETBALL.—Owing to the non-return of A. T. Bennis, the position of basketball manager is now open. Any men wishing to try for the position will please communicate with T. B. Parker 1911, Captain.

1914.

* Old Freshmen who have failed to meet me at their appointments for physical examinations must call and arrange new dates between now and 1 P. M. Saturday, October 22, 1910. All examinations, including those of upper classmen, must be finished by October 28, 1910.

F. KANALY.

1914.

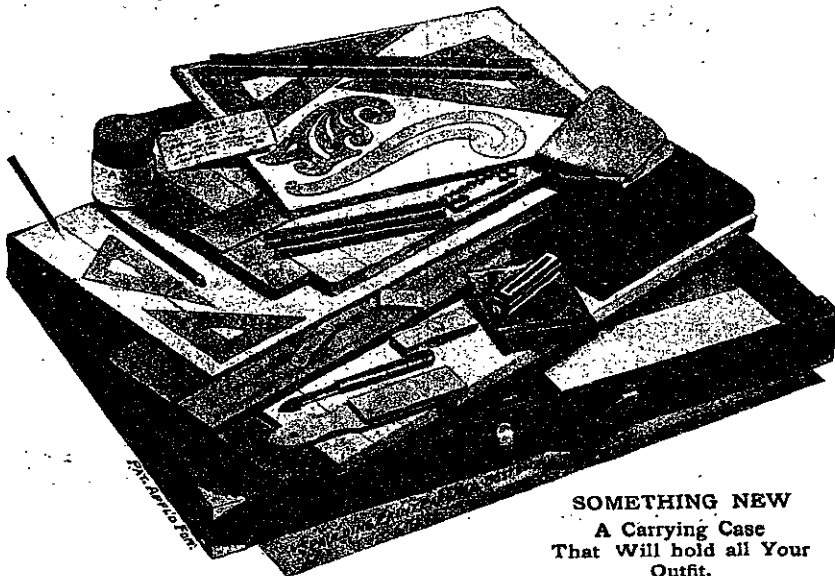
Uniforms will be issued to the members of the Battalion at South Armory on Wednesday, the 19th. Those drawing Blouse, Trousers and Cap should have \$14.00 for payment; Blouse and Trousers, \$12.60; Blouse, Trousers, Cap and Shoulder Straps, \$17.00.
11-12 CAPT. BOOKMILLER.

British Empire.
All new students from any part of the British Empire are requested to leave their names at the Cage for THE CHAIRMAN,
11 British Empire Association.

The faculty of the University of Michigan is considering the matter of giving credit for work on students' publications.

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