

# THE TECH

VOL. XXX. NO. 24

BOSTON, MASS., WEDNESDAY, NOVEMBER 2, 1910

PRICE TWO CENTS

## TECH SHOW KOMMERS DINNER ON NOV. 12

### Name of Winning Author Will Be Announced—Show Men to Speak

Saturday evening, Nov. 12, has been decided upon as the date for the fifth annual Tech Show Kommers' dinner. This dinner is by far the largest dinner given at the Union during the year and is open to all students here at Tech. This promises to be especially attractive to all freshmen, as it will give them a chance to find out just what Tech Show is. All who attended last year's dinner will need no urging.

The idea in giving the dinner is to bring old show men together to talk over old times and interest all new men. Every man who expects to try for the show is urged to be on hand to receive pointers from men who have made good.

The sealed envelope containing the name of the winning author will also be opened at the dinner. It is also expected that General Manager I. W. Wilson, 1911, will be able to make public at this time some of the plans for trips and number of performances to be given. Wilson has been busy lately in looking out for a coach for this year's play. He has several exceptional men in view, and may have a pleasant surprise to spring in the near future.

Saturday of this week will also see the opening of the competition for assistants in the business department. Sophomores and Freshmen are eligible for this competition. Business Manager J. H. Lenaerts will make public the details of the competition in a day or two.

## ENGINEERING PROBLEMS IN INDIA.

### Irrigation Work and Industrial Development Will Be the Subject of Mr. Churchill's Talk Before Civil Engineering Society.

The problems presented to the hydraulic and mechanical engineer in the industrial development of an Oriental country will be presented to the members of the Civil and Mechanical Engineering Societies at a joint meeting to be held this afternoon in 11 B.

Great Britain has taken great interest in this work in India, and there is no other country in the world where such an extensive system of triangulation survey and also irrigation structures, such as large dams and reservoirs, can be found. Yet this is only the beginning and there remains a very large undeveloped field for the engineer.

Mr. Churchill has been intimately connected with this work for the last seven years, and this meeting affords a rare opportunity to hear of these matters first hand. Mr. Churchill is a Tech man, having graduated in 1899, Course II.

Following the lecture there will be a short business meeting.

## SERIES OF PROMENADE CON- CERTS TO BE GIVEN BY FIRST CORP CADETS.

The first of the series of promenade concerts to be given by the First Corps Cadets will be held at their Armory, Thursday evening, November 17, 1910. The full Corps Band will render a concert from 8.30 to 9.00 P. M., and then there will be dancing.

(Continued on page 2)

## TRIANGULAR MEET WITH TUFTS AND BROWN FRIDAY

### Brown's Entry Received Yester- day Exciting Finish Expected Field Day

The cross-country attraction for Field Day is a triangular race with Technology, Tufts and Brown as competitors over the Technology course. As originally planned, a dual race with Tufts was to take the place of the Harvard contest, which has heretofore been run on Field Day, but which came off last Saturday; but yesterday, Manager Benson received the entry from Brown and a more interesting race will be the result. Brown is represented by an unusually fast aggregation this year, and the showing of the Institute team last Saturday against the phenomenal Harvard team indicates an exciting finish. Tufts is an unknown quantity, but Captain Williams is a good man and will probably be among the first to sight the field.

The start from Highland Station, West Roxbury, will be so timed that the finish at the field will come between the second and third periods of the inter-class football game, about quarter after three.

Cups are to be presented to the individuals who finish in the first three places. Premier position is generally conceded to Captain Watkins of Technology, but the Medford College may have a surprise ready. W. S. Davis, 1911, has been exhibiting exceptional form this year and should make a strong bid for a front position.

Each college will enter ten men who will run, but only the first five are to count instead of six, as usual.

Manager Benson announces that reserved seats in the grandstand for Field Day are being sold daily in the main room of the Union between one and two o'clock. These seats cost one dollar each. Those who have not secured season tickets are reminded that these carry the privilege of a reserved grandstand seat Friday and for the additional two dollars admission is given to all other athletic events during the year, including the dual meets in the spring and the meets and basket ball games at the Gym this winter.

Manager J. E. Hinkley of Brown enters the following men, ten of whom will run: T. H. Roberts, 1913; F. E. Roher, 1911; N. S. Faber, 1913; C. W. Walker, 1913; L. N. Sine, A. N. Cook, 1914; P. Jetter, 1914; Langley, Pride, Tucker, Gould, Brown and McDowell.

Manager C. N. Whitney of Tufts sends the following entries: Capt. C. H. Williams, L. M. Whiting, 1911; G. Prescott, 1914; W. K. Messer, 1912; E. M. Towne, 1911; L. G. Jackson, 1911; S. H. Miller, 1914; B. Atwater, 1913; H. R. Phalen, 1912; R. Atwater.

Tech team: R. D. Bonney, 1913; K. Cartwright, 1912; H. S. Benson, 1912; O. Mills, 1912; R. D. Van Alstine, 1911; R. M. Ferry, 1912; E. E. Ferry, 1912; W. S. Davis, 1911; H. C. Watkins, 1912, and A. F. Nye, 1914.

## 1914 TUG-OF-WAR.

After snappy practice lasting for over an hour and a half the Freshman tug-of-war squad elected H. R. Russell captain last night. Practice with pistol starts was continued and the squad was divided as it has been since the stump went out of business last week. Coaches Duyser and McKenney made the first cut at the end of the afternoon work and reduced the squad from nearly fifty to thirty-three men. The final cut will be made to night, when the twenty-five members of the team and the two substitutes, who will

(Continued on page 2)

## CONCERNING THE DUTIES OF CLASS OFFICERS

### Class Presidents are also Officers of Institute Committee

Now that the classes are concerning themselves in elections, it may be well to outline what the various positions involve.

The class President is ex-officio a member of all class committees and of the Institute Committee. If Senior President, he is also President of the Institute Committee; if of the Junior class, he is Vice-President; if of the Sophomore class, Secretary-Treasurer of that committee. It is the duty of the President to keep all the committees and officers actively engaged in their work. It devolves upon him to see that all the loose ends are gathered up and that the spirit of class entity is kept up. The life of a class really stands or falls with the character of the President.

The Board of Directors of the class have each year taken on more duties and powers from the class. The committee is really a condensed class. It consists of all the officers of the class, together with two class directors elected for the purpose. The finances of the class are almost entirely in their hands; all expenditures and minor arrangements made during the year for the class are undertaken by them. The reports of the meetings of the Board of Directors are open for the inspection of members of the class at any time. The reason why the Board of Directors have assumed such large responsibilities is because it has been found difficult to get good, energetic meetings of the class together, and arrange for these details; and secondly, it is thought that a small body to whom the responsibility was directly given could better arrange these matters. Any vacated office can be filled during the year by the Board of Directors.

The officers who occupy the most important positions next to that of the President of the class are the representatives on the Institute Committee. These representatives have the responsibility of aiding in the direction of all the undergraduate activities as they come under the Institute Committee. The various sub-committees which have specific details of undergraduate life to attend to are usually composed of the class representatives. With the rapid growth which this committee has had in recent years, this committee is the most active organization at the Institute.

The Vice-President and Secretary and Treasurer of the class have the duties usually falling to their position. The clerk of the odd classes attends to posting notices and announcements on the bill-board and other similar matters.

The relative appointments of the various positions may be rated as follows, although it is always the case that the importance of a position depends upon the energy of the one occupying it. First, the President, who is active in all the work of the others; second, the members of the Institute Committee; third, the Secretary of the class; fourth, the Vice-President, Treasurer and Board of Directors, together with the clerk in the odd classes.

An eight-mile trip up the Charles River consists of the daily rowing practice at Harvard.

## CREW HAS MADE GOOD SHOWING IN FALL PRACTICE

### Outdoor Practice Completed for the Season—Many Races Arranged For

Fall rowing practice was discontinued last Monday night after a successful season. The crew only entered one race—a four-oared contest, on Columbus Day, which was lost on a foul. But the purpose of the practice has been realized and material for two good eights has been trained for next spring.

Over thirty-five men have shown enough interest to come out and practice in a shell, and from these, the two places left vacant last year on the first boat can be filled, forming a crew averaging about 180 pounds and equipped with considerable experience. A second crew, averaging nearly 170, was picked to race with the varsity this fall, but the Union Boat Club needed their shell, leaving only one boat, so the race could not be held. This, coupled with increasing frostiness of the breezes which sweep up the river, was the immediate cause for giving up practice until next April.

The chances for a successful crew next year are very good, and indications point to the establishment of rowing as a major sport at the Institute. Men who have had experience in rowing at Cornell, Leland Stanford, Yale, Harvard, and other colleges, who are now attending the Institute, have been interested. If the crew makes as good a showing next spring as it promises now, the Athletic Association may recognize it and award insignia to stimulate its continuance.

Manager Herreschoff expects to arrange at least two races next year that will amount to something. He expects to race some of the crews which compete at Poughkeepsie, but for distances of two miles or less. A race with Princeton is almost a certainty, and both the first and second crews will be tried against some of the Harvard eights. The lack of time for training prohibits entrance in the Poughkeepsie regatta, or in any other four-mile contest; but for the shorter distances Technology should be well represented next spring.

## CALENDAR.

### 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 Race—Field.
- 4.00—1914 Tug-of-War Practice—Gym.
- 4.00—1912 Nominations Close.
- 4.15—C. E. Society—J1 B.
- 6.30—1913 Class Dinner—Union.
- 1.00—Biological Society Business Meeting.
- 1.30—M. E. Society Trip.

### Thursday.

- 4.00—Crew Practice.
- 4.00—1913 Football Practice—Oval.
- 4.00—1913 Relay Race—Field.
- 4.00—1913 Tug-of-War Practice—Gym.
- 4.00—1914 Relay Practice—Field.
- 4.00—1914 Football Practice—Field.
- 4.00—1914 Tug-of-War Practice—Gym.
- 4.15—Mandolin Club Rehearsal—Union.
- 4.15—Glee Club Rehearsal—Union.
- 5.00—Books for Tech Show Due.

### Friday.

- FIELD DAY.
- Triangular CrossCountry Run over Tech Course—Tech-Brown-Tufts.

# THE TECH

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WEDNESDAY, NOVEMBER 2, 1910.

The Tech takes pleasure in announcing the election of A. L. Myers 1911, to the news staff.

Tonight the class of 1913 will hold its dinner at the Union. Last year, many will remember, the class caused considerable excitement by holding its dinner at a downtown hotel, thus ignoring one of the most valuable features of the Union and disregarding the primal purpose of the loyal alumni in furnishing for our benefit such an all-sufficient gathering place. This year, as we have said, the Union is to be the scene of the 1913 festive board. We are glad to note this change and feel confident it is due not so much to the criticism aroused last year as to an increase in Institute spirit and an increasing devotion to her purposes and her welfare.

### COLLEGE NEWS.

The Syracuse Prohibition Club is attending political meetings en masse.

An amendment to the constitution of the Brown Athletic Association requiring that all athletic players wear brown stockings, has been defeated.

The Politics Club of California invites political nominees to address their meetings. Henry Stimson, Republican nominee for Governor, recently opened his State campaign with a speech before this class.

The School of Mines of North Dakota was recently damaged by fire.

A motorcycle club is being formed at Stanford University.

The Wisconsin University Rifle Club has a membership of one hundred and fifty.

Dennison University has added a Domestic Science Course to its curriculum.

About forty names are registered for the Dramatic Club try-outs at Iowa University, which will be held next Tuesday evening. Out of this number ten will be chosen to cast a scene probably from "The School of Scandal."

The annual convention of the American Association for the Advancement of Science will be held at the University of Minnesota during the Christmas holidays.

(Continued from Page 1.)

until 12.00 M. A large gathering of military men from other organizations are expected to attend.

The committee in charge is as follows:

Chairman, Lieut. E. H. Clapp; Sergt. W. Buffum, treasurer; Private W. J. Bettilana, secretary; Sergt. E. M. Brush, Sergt. G. H. Farwell, Private D. B. Keniston, Sergt. B. S. Luther, Private R. R. Conant, Sergt. B. Knapp, Sergt. F. Field.

(Continued from page 1)

receive their numerals in case the Freshmen out-pull their opponents on Friday, will be chosen.

## HORNETS NEST

"Say, fellows, I heard a spanking good story today," cried the Freshman as he rushed into the hornet's nest the other night.

"Listen to the soldier boy," replied Dick. "Even his adjectives prove his infancy."

"Well, I suppose that if I'd said a corking good story you'd have sworn that I had been to chapel; and if I had said smacking—well, anyhow you haven't introduced me to your girl at Swellesley yet." The Freshman was angry.

"And what's more, bright eyes," spoke up the Biliken, "if Dick has the same luck that I had today, you won't make your debut at Vespers very soon either. Suppose a girl does give a fellow a date—what good does that do if the President of the Institute—that is, Mr. Jackson—doesn't deliver the letter to the Cage till the day after the one specified in the note? Talk about getting in bad!"

"Cheer up, Bill," said Cad. "Give me a cigarette, won't you? Gee, haven't you smoked enough of these for a pennant yet? Say, why didn't you kick when you saw that football game in the drawing room last year? Did you say that Jackson or the other fellow was the best punter?"

"Shucks, the Institute Committee was investigating the delivery then. That was some game all right. I never knew what a nice football a package of mail would make."

"Did that really happen?" asked the Freshman.

"You can bet your sweet life it did, youngster," replied the Biliken. The profs kicked and they got some relief, but we fellows who have boxes at the Cage still suffer in the same old way. I lose a lot of time waiting in the Union for my mail every day."

"Someone ought to complain to the Registrar," said Dick. "Why don't you, Bill?"

"Humph, let George do it," said Bill. "I've got to copy the numbers of the pages in my Cambria handbook for Professor Spiffles. Don't worry me."

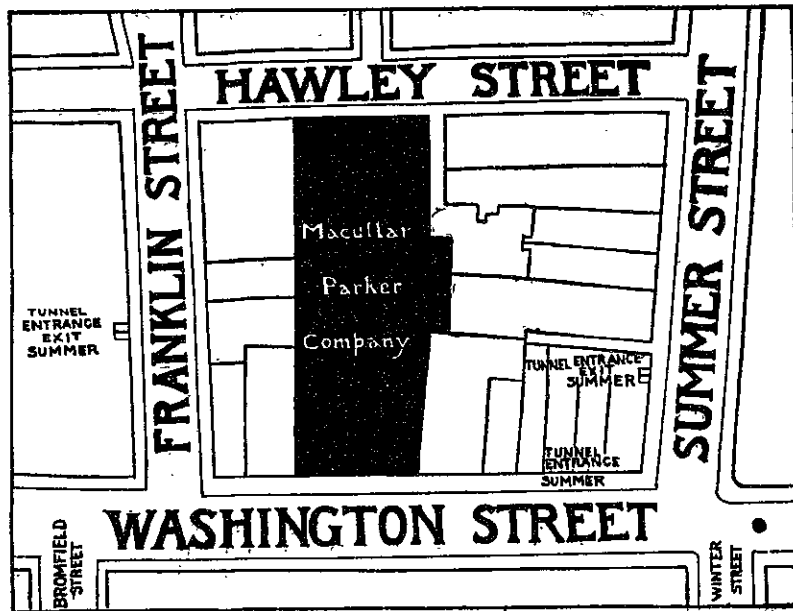
"Oh you Senior!" teased the Freshman as the meeting broke up.

### TECHNIQUE MEETING.

A meeting of the Technique Board was held yesterday afternoon at 4 o'clock in the office at the Union. Estimates on the paper to be used, and the color schemes for both paper and cover were talked over. The person to whom this year's Technique is to be dedicated was decided on and the photographer was also chosen. There were assignments made in all departments for the next meeting, which will be an important one, and will be held next Tuesday.

The sixteen battleships which will set out today from Boston, New York, Philadelphia and Norfolk are in complete readiness for their trans-Atlantic cruise. The fleet, which is officially termed the Atlantic Squadron, will sail from this country and arrive in the English channel on or about November 15. Headed by Rear Admiral Schroeder's flagship, the Connecticut, the combined fleet will head directly across the Atlantic at about a ten-knot speed. The first division will anchor at Portland Harbor, England; the second at Cherbourg, France; the third at Gravesend, England, and the fourth at Brest, France. The following boats will make the cruise: Connecticut, North Dakota, Louisiana, Kansas, New Hampshire, South Carolina, Delaware, Georgia, Nebraska, Rhode Island, Virginia and Michigan.

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**COURSE V AND IV NEWS.**

The biennial trip of the Summer School of Industrial Chemistry was taken through the mills and factories of western Massachusetts and New York for two weeks last June. Fourteen students, headed by Professors Talbot and Thorpe, made the trip this year.

During the first week the factories visited included the Atlas Refinery of the American Sugar Company at South Boston; the Windsor Print Works, cotton goods printers, and Strong, Hewitt & Co., woolen manufacturers, at North Adams; West Virginia Pulp and Paper Company at Mechanicsville; American Hide and Leather Company tannery at Bullston; the Glens Falls Portland Cement Company; Holcomb Steel Company and the Onondaga Pottery Company at Syracuse.

While many of the evenings were devoted to a discussion of the plants visited during the days, the trip was not one long grind, considerable time being devoted to sightseeing at such places as Saratoga Springs and Syracuse. The trip was enlivened by many incidents. Verses to many popular songs were composed and sang to the amusement of all. Early Sunday morning, at Syracuse, one of the members of the party lost half of his moustache by force after he had refused to remove it of his own accord.

Freshmen this year defeated the second-year men in the annual flour and salt rushes at Syracuse University.

Syracuse allows two hours of college credit to any student who participates in a varsity debate.

Kenyon College is appealing to her alumni to wipe out a large athletic debt.

The much-discussed rule compelling fraternities and sororities to pledge only Sophomores has been abandoned for this year at the University of Kansas. Records for the first year showed that the fraternities and sorority students made higher scholarship averages than those outside.

A radical change has been made in the attendance rules at Williams—the maximum number of cuts allowed

now totals one week of work in each semester.

**FOURTH YEAR.**

**Course VI.**

October 25, 1910.

Beginning Saturday, October 29th, the hours for the exercises in Journals and Power Transmission will be interchanged according to the following memorandum:

The hour for Power Transmission will be changed on Saturday from 10 to 9; that for Journals from 9 to 10.

WALTER HUMPHREYS,  
Registrar.

**FOURTH YEAR.**

**Course XIV.**

October 25, 1910.

Beginning Saturday, October 29th, the hour for the exercises in Power Transmission on Saturday will be changed from 10 to 9.

WALTER HUMPHREYS,  
Registrar.

**INTERNATIONAL CONGRESS OF APPLIED CHEMISTRY.**

Newly Organized Society Includes Many Noted Tech Men.

An International Congress of Applied Chemistry which will hold meetings in Washington and New York in the fall of 1912, has just been organized with a number of prominent Tech men holding important positions. Professor H. P. Talbot 1885, is vice-president of the section of analytical chemistry. H. D. Little 1885, is president of the section on cellulose and starch. L. P. Kiannicut 1875, has entire charge of the section in sanitation and sewage. Professor William H. Walker, head of the research laboratory of industrial chemistry at the Institute, is president of the section on electrical chemistry.

It is stated that this congress is the most important convention and gathering of world-wide scientists ever held in America. Men whose names have been famous by their great discoveries or researches in the realm of science will be present from all countries of the earth. The last congress was held in London, England.

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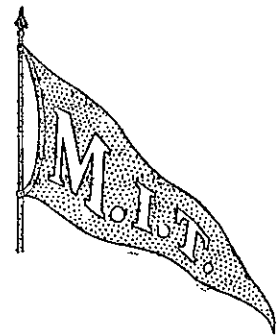
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**NOTICE.**

1913 Dinner postponed until Wednesday, Nov. 2. All tickets good for that date.

**NOTICES.**

Civil Engineering Society meeting Wednesday, November 2, at 4.15, in 11 B. Mr. D. C. Churchill, 1899, will talk on "Engineering in India."

ALL MEN desiring pictures of the Cosmopolitan Club should leave notes in Box 36, at the Cage.

**SECOND YEAR.**

October 31, 1910.

A new section in Physics Recitation, Course I, will meet Mondays and Wednesdays, 2-3, in Room 24 Lowell.

WALTER HUMPHREYS,

Registrar.

**1912.**

Nominations for class officers open until Wednesday, Nov. 2, at 4 P. M. Leave at Cage or with Committee.

D. F. BENBOW, Chairman.

D. E. BENT.

H. S. BENSON.

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**NOTICE.**

The exercises of the Institute will be suspended on Friday, November 4th, after 12 o'clock M., for Fall Field Day.

A. L. MORRILL, Secretary.

**THIRD YEAR.**

**Course X.**

November 1, 1910.

The first exercise in Applied Mechanics will begin on November 4th at 10 o'clock, in Room 21, Eng. B, and continue according to the Tabular View.

WALTER HUMPHREYS,

Registrar.

Excursion of the Mechanical Engineering Society to Sturtevant Blower Works, Readville, Wednesday, Nov. 12th. Leave Back Bay station at 2.10. All Course II men invited.

FOSTER RUSSELL,

Secretary.

(24, 25)

LOST—Leather bound, loose leaf note book, belonging to William N. F. Flanders. Name in front. Finder please leave at Cage. Reward. William N. Flanders, 264 Newbury street. 15-19

**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.

**COURSE II.**

**Fourth Year.**

Recitations sections begin Friday, October 28. Lists are posted in the 4th year bulletin board in Lowell Building, and in Course II, 4th year, drawing room.

HARRISON W. SMITH.

**NOTICE.**

Two volumes of Technique for sale, 1894 and 1895; 1895 is dedicated by President Walker and has his picture as a frontispiece. Apply at Room 36, Walker.

**NOTICES.**

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