

THE TECH

VOL. XXXIV. NO. 39

BOSTON, MASS., MONDAY, SEPTEMBER 28, 1914.

PRICE THREE CENTS

MUSICAL CLUBS PLAN FOR BIG SEASON

Work To Begin at Once—Trials for Candidates Start Next Week.

The management of the Combined Glee, Banjo and Mandolin Clubs is planning for the biggest season in their history. The Clubs intend to give a greater number of concerts than last year and are working for a mid-year tour. Freshmen who are interested in this line of musical activity are invited to come out for the clubs.

The requirements for admission are not strict, about two years' practice and a reasonable amount of skill being, as a rule, sufficient to enable a man to make the instrumental clubs; while a fairly good voice, combined with ability to carry a tune, is the principal requisite for the Glee Club.

Trials for candidates will probably be held early next week. The exact date will appear on the bulletin boards and in THE TECH. First and Second Tenors will be in especial demand, as will those men who can play the banjo, guitar or mandola.

CHARTER GRANTED

Delta Kappa Phi Granted Charter in Kappa Sigma.

The Delta Kappa Phi fraternity, a local at the Institute, has recently been granted a charter as the Gamma Pi chapter of Kappa Sigma Fraternity, this being Kappa Sigma's eightieth active chapter.

The installation and initiation was conducted by the officers of the New England District and of the Boston Alumni Chapter, assisted by active members of the various New England chapters on Friday and Saturday, September 25th and 26th. The new chapter starts its national existence with about thirty active members.

The Kappa Sigma Fraternity has chapters in the following New England colleges: University of Maine, University of Vermont, Bowdoin, Brown, New Hampshire State College, Massachusetts Agricultural College, Dartmouth and Harvard.

CHINESE PUBLICITY

Several of the most prominent newspapers of China published articles concerning the eighteen Chinese students who received degrees at the Institute last June. The "Shun Pao" in an editorial admonished the young men to remember that this step in their lives affords them only an excellent beginning in life. This is perhaps the first time that Chinese characters have been used for Technology publicity.

NEW TECH RISING ONE STORY PER FORTNIGHT

New Tech Field Will Be Ready Soon—Plans Slightly Altered.

Concrete pouring that includes an acre of floor space is the work that is on today at the New Technology site. In some sections of the work the towers are pouring concrete into the forms for the columns which are to support the third floor of the buildings. The schedule for the structural concrete calls for the completion of the entire first floor of the group by the first of October. The second, third and fourth floors are due at intervals of fifteen days. The roof will probably be in place by December fifteenth. From this it may be seen

(Continued on Page Four)

FRESHMEN MEET TODAY IN HUNTINGTON HALL

President Maclaurin To Address Class—Junior Committee Will Take Charge.

Today at 1.00 p. m. in Huntington Hall, President Maclaurin will make his annual address to the new students. Following this, the meeting will be turned over to Loomis, '16, the temporary chairman of the Freshman Class, who will explain the new plan of government as proposed by the Institute Committee last year, and will submit to them their new class constitution. Announcements concerning the meeting of candidates for the various Field Day teams, and concerning the Freshman dinner will also be made at this time.

(Continued on Page Three)

TRACK WORK STARTS TODAY AT THE GYM

Varsity Men And Candidates For Relay Teams Asked To Be Present.

All varsity track men and candidates for the Field Day relay teams are requested to report at the Gym for practice today at three o'clock. The date set for the completion of the track at the new field is October 12th and until that time track work will be held either at the Gym or on the road.

Varsity men are requested to report early this year as there will be a dual meet with Harvard, which will very likely occur on October 24th at the new field. The Hare and Hounds Club will hold a run at Newton this Saturday, probably leaving Boston about two o'clock. If the Harvard meet is not held on the 24th the Annual Handicap Cross Country Run will be held at Wakefield that day, otherwise on November 28th. The Cross Country trials against the B. A. A. are scheduled for October 31st and Field Day for November 6th. The

(Continued on Page Five)

COURSE IV PRIZES

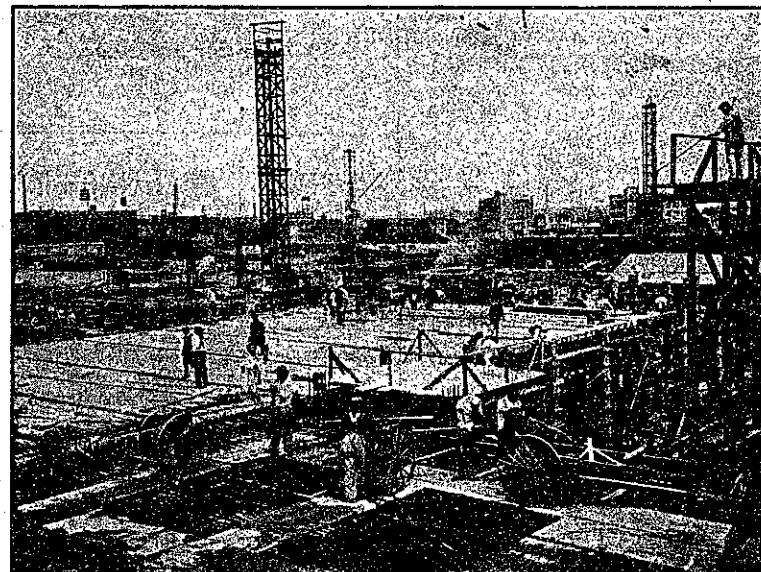
Technology Travelling Fellowship and Rotch Awards Made.

The 1914 Technology Travelling Fellowship was awarded to Louis Conrad Rosenberg of Portland, Oregon. Special mention was given to G. I. Edgerton of Cambridge. The value of the Fellowship is \$1000, there were five competitors, and the subject was, "A Design for an American Embassy in Rome."

The Rotch Scholarships, amounting to \$200 each, were given to Frederick H. Kennedy of Boston and Frank S. Whearty of Salem. Whearty has the distinction of having won more "first mentions" than any one else in his class. During the last year he captured the gold medal of the French Society of Architects and the prize offered by the Boston Society of Architects.

CALENDAR

Monday, September 28, 1914.
1.00 P. M.—1918 Meeting. Huntington Hall.
3.00 P. M.—Track Meeting. Gym.
Tuesday, September 29, 1914.
5.00 P. M.—Ex. Com. Musical Clubs. Music Club Office.
Wednesday, September 30, 1914.
1.00 P. M.—Rifle Club Meeting. 27 Rogers.
Thursday, October 1, 1914.
5.00 P. M.—Meeting last year's Glee Club. Union.



CONCRETE POURING ON THE NEW SITE

FINANCE COMMITTEE

Standard Form For All Receipts Adopted.

The Finance Committee has adopted a standard form of receipt to be used by all Institute organizations. The receipt for class dues and the dues of the larger professional societies will bear the name of the organization. Receipts in every case will be numbered for the purpose of simplifying the auditing of the books. Classes or other dues should not be paid without obtaining one of these standard numbered receipts.

MUSICAL CLUBS

The executive committee of the Musical Clubs will meet at the office in the Union tomorrow afternoon at five o'clock. There will be a meeting of last year's Glee Club at the Union at five o'clock Thursday afternoon.

RUMFORD MEDAL

Coolidge, '96, Receives Award of the Rumford Medal.

The American Academy of Arts and Sciences has awarded the Rumford Medal to William David Coolidge, '96, assistant director of the Research Laboratory of the General Electric Company at Schenectady, New York. Mr. Coolidge produced the tungsten lamp which has brought about an economy of over two hundred forty million dollars a year.

SOPHOMORE FOOTBALL

Practice for the Sophomore Football Team will probably commence the middle of this week; it is expected that all who possibly can will turn out. The coaching will be done by H. R. Sullivan, who coached Malden High last year, or by R. E. Harper, head coach of the Des Moines School of Mines.

THE TECH

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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MONDAY, SEPTEMBER 28, 1914

IN CHARGE OF THIS ISSUE

Editor: H. E. Lobdell, '17.
Associate: J. M. DeBell, '17.

To you, Freshmen, The Tech extends on behalf of the Institute its heartiest greetings, not in the sarcastic tone adopted at institutions with different traditions, nor in mere words of welcome, but in the true Technology spirit of active co-operation. It is our sincere aim to help you to the best of our ability in solving the problems you must face.

Realizing that columns of "good advice" is not what you are looking for at this time, we content ourselves with calling your attention to the following excellent "Rules for Freshmen" quoted from the Ohio State "Lantern":

"Get acquainted with each other. A friend in college is worth two at home—right now—even though she or he writes regularly.

"Take a long time to pick out your crowd. You have your whole college live to live with it.

"Be a sticker! A postage stamp is popular—and useful. Your name may be stuck on a diploma, too, some day.

"Study! That's why you came! That's what they expect of you back home! All these, but the greatest of these is study!"

Of these, perhaps the one which most needs emphasis is the first: Get acquainted! The successful Tech man is the one who is on good terms with his fellow students, and who is familiar with the conditions and daily happenings at the school of his choice.

As some unfavorable comment has been elicited by the fact that THE TECH is to be a tri-weekly this year, we believe the student body has a

MANY DEATHS DURING THE SUMMER MONTHS

Professor Charles L. Adams Dies Abroad—Three Student Deaths Occur.

Professor Charles L. Adams died September 16th at Antwerp, Belgium. He left for Europe early in the summer and at the beginning of the war was in an Antwerp hospital undergoing an operation for appendicitis. It was generally supposed by his friends in Boston that he was on the road to recovery until the news was received at Washington from the American consul at Antwerp. Professor Adams became connected with Technology in 1885 as an instructor of Freehand Drawing. In 1903-04 he was assistant professor of Mechanical Drawing; from 1904 to 1912 he was associate professor of Drawing and Descriptive Geometry; and in 1913 he was made a full professor.

The death of Francis Humphrey Storé, professor of Industrial Chemistry at Technology from 1865 to 1870, occurred on July 31st.

Lloyd Steele Robinson, '15, of Springfield, Massachusetts, died of heart trouble on the first of June. He was a member of Theta Xi Fraternity and was taking Course IV.

Ho Hung Kwei, '16, of Canton, China, died at Fenway Hospital August 17th of peritonitis following an operation for intestinal tuberculosis. He was taking Civil Engineering.

The death of Everett Kennedy Briggs of Johnstown, New York, occurred September 5th at the Faxon Hospital, Utica, New York, following an operation for an obstruction in the nose. Briggs was taking Course II and was a member of Phi Kappa Sigma Fraternity. He would have been Assistant Manager of the Track team if he had returned this fall.

right to know our reasons for thinking the change a decided step in advance. First, the past few years have shown that there is not enough "live" news at the Institute to enable us to cut each item down to ideal terseness and at the same time fill the paper every day. Second, the financial foundation of the paper will be strengthened by halving the printer's bill without an appreciable decrease of advertising. And third, the burden will be lighter on the men who get out the paper, so that better work can be done with a smaller investment of time.

SENIOR WINS PRIZE

Francis P. Gilbert, '15, of Beverly, Massachusetts, received an award of \$100 given by the Barber Asphalt Paving Company, for his paper on "Asphalt Materials for Highway Construction." Gilbert is a student in Course XI, Sanitary Engineering.

The University of Pittsburg defeated Cornell by 9 to 3. Cornell was the only big college defeated.

Freshmen, Huntington Hall, 1 p. m.
Track men, 3 o'clock, Gym.

What About Your Meals?

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FRESHMEN RECEPTION
BY T. C. A. FRIDAY

Preparations for Annual Affair Under Way—Attractive Program.

Friday evening at eight o'clock in the Union the Technology Christian Association will hold its annual reception to new men at the Institute. This will not be an exclusively Freshman affair, men of all classes being invited to attend.

The list of speakers includes: F. P. Scully, President of the Institute Committee; Cushman, the new General Secretary of the T. C. A.; and Dean Burton. There will be music on the program, and refreshments will be served.

TECHNOLOGY MONTHLY.

October Number To Be Issued Next Week.

The first issue of the Technology Monthly will appear early next week, subscriptions being on sale all day next Monday. This number will contain articles by Ralph Adams Cram, Senior Professor of Architecture and Mr. Charles S. Shaunessy, of the Harvard Engineering School, will contribute the leading engineering story.

HELD AS SPY

Mr. James H. Ellis, assistant in the Physics Department, has had an adventure with Europe militarism which he will not soon forget. Mr. Ellis, while doing summer work at a foreign university, cultivated a fashionable French moustache and goatee. When war broke out he was found with a camera near some German fortifications and arrested as a probable French spy.

After six hours of third degree work, during which he obstinately refused to speak French, his photographs were developed for use as evidence. As they were found to be of a harmless character, he was released with a warning.

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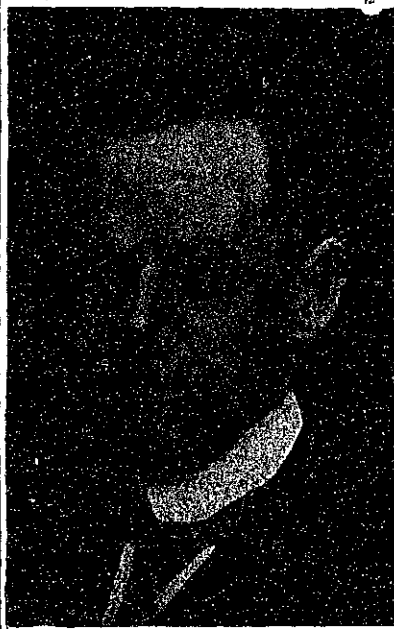
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FRESHMEN MEETING
(Continued from Page One)

This year for the first time the entering class will be under the supervision of a committee of Juniors, and no class election will be held until after Field Day. This is the result of an effort on the part of the Institute Committee to do away with



PRES. RICHARD C. MACLAURIN

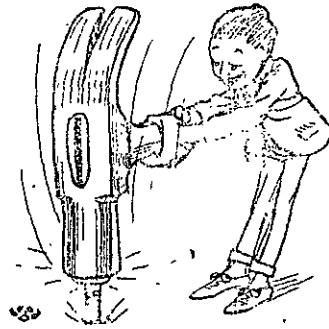
the so-called "Beauty Show" formerly held on the first day of school, where temporary elections were held before anyone knew who the candidates were. The constitution proposed by the Institute Committee calls for a committee of five Juniors, a temporary chairman, treasurer, and three temporary managers for the Field Day teams. This committee will run the Saturday night Freshman dinner, formerly given by THE TECH.

RIFLE CLUB MEETING

Wednesday Room 27 Rogers
First Shoot Saturday.

The first meeting of the Rifle and Pistol Club for the year will be held Wednesday at 1 p. m. in Room 27 Rogers. All men interested in rifle or pistol shooting are invited to be present. The Rifle Club expects to have a big year this year, and the officers are anxious to get the men started as soon as possible. The first shoot will probably be held Saturday at the Walnut Hill Range. Important announcements regarding this and following shoots will be made at the meeting Wednesday.

Sixteen shutouts in Saturday's football. The worst was Tufts 84, New Hampshire State 0.



May we hammer home this news?

Our representatives are due at the Hotel Brunswick, Friday, October 2nd.

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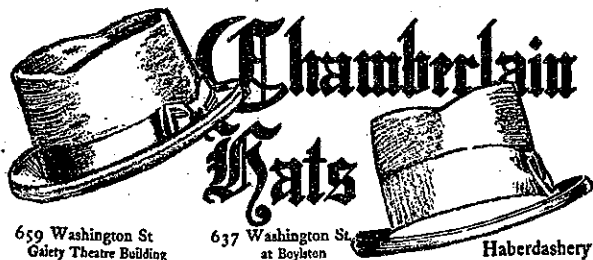
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NEW TECH SITE (Continued from Page One)

that the buildings will be up before the snow is really flying.

There has been a series of delays due to the necessity of changing some of the plans. The court decisions and the condition of the real estate market have for the present put a stop to hopes of disposing of the Back Bay property of the Institute. The Rogers and Walker buildings will for some years be used for departments that can most easily be separated from the main engineering schools, and the laboratories will await a better time for their sale. Thus Tech found itself somewhat handicapped for building funds and it was deemed wise to modify the plans to some extent. Although it was not a question of fundamental changes it was thought prudent to hold up all the construction activities till a decision was reached as to what had better be omitted for the present. The conclusion was that the wings reaching back from the front line of the library should be held back, portions of the buildings intended for Mining Engineering, Electrical Engineering and Mechanical Engineering. The Mining will remain in Rogers where it will have an opportunity to expand and some modification of the arrangements in the new buildings will permit the Mechanical to move forward within the specified limits. The reasons for the delay were removed some time ago, however, and the work has been in progress again for several weeks.

The present group includes the three sides of each of the minor courts and the two long sides of the great court, together with the extension on the line of the library building face north and south to accord with the buildings near the river front. This group includes the buildings already designated as Architectural, Mechanical, Chemical, Physical, Electrical and Biological departments and General Studies. The total area of the group thus indicated is not far from 90,000 square feet. The concrete work on the great library building has not been started. Three pile drivers are working to provide its support.

The granite has been coming for some time and the bricks for the inner courts are arriving at the rate of two cars, or 40,000 bricks, a day. The structural steel is ordered in thousand-ton lots and two hundred barrels of cement arrive each day. It may be here noted that Edward M. Hagar, '93, president of the Univer-

(Continued on Page Five)

IMPORTANT CHANGES IN TECHNOLOGY FACULTY

Cram Replaces Taylor in Architectural Department— Pender Leaves.

Ralph Adams Cram, architect of the million dollar Cathedral of St. John the Divine and of the parish church of St. Thomas in New York City, has been appointed senior professor of the Department of Architecture owing to the resignation of Professor James Knox Taylor. Mr. Cram will continue the active practice of his profession and Professor William H. Lawrence, who has been at the head of the Architectural Engineering option, will assume the position of Chairman of the Department of Architecture and will be responsible for the administrative routine. It is expected that Professor Cram will urge a constant consultation with leading members of the architectural profession in the city and the country, and particularly with the American Institute of Architects, as to the essentials demanded by the practice of the day.

Professor Harold Pender of the Department of Electrical Engineering has left the Institute to head a new department in the University of Pennsylvania. This new department was practically created for him as the electrical engineering courses have heretofore been in a division of the department of Mechanical Engineering.

The retirements of Professor Robert Hollowell Richards, '68, in charge of the Department of Mining Engineering, and Assistant Professor Henry K. Burrison, '75, of the Department of Drawing, have been announced. Professor Davis R. Dewey has been placed in charge of Course XV entitled "Engineering Administration."

Professor Harrison W. Smith has been granted leave of absence during the coming academic year. Professor Albert LeMonnier, of the Architectural Department, is at present fighting with the French army in the European War.

The following instructors have resigned: E. D. Wilson, Research Assistant in Physical Chemistry; T. S. Holden, in Mathematics; J. P. Maxfield, in Physics; W. J. Murray, in Analytical Chemistry; F. M. Reyher, in English; R. H. White, in Inorganic and Theoretical Chemistry; R. E. Zimmermann, in Theoretical Chemistry.

The following assistants have resigned: C. N. Anderson, in Mining

(Continued on Page Five)

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TRACK WORK

(Continued from Page One)

Cross Country Dual Meet will come on the Saturday following Field Day. No definite place has been selected for the New England Cross Country Championships but they will occur November 14th. The 1918 Cross Country team will be entered in the Freshman College and Academy Championships at Andover on November 20th. The I. C. A. A. A. Cross Country Championships will be held on the Yale Course on November 21st, in the morning of the Yale-Harvard game.

The first trials for the 1918 relay team are scheduled for Monday, October 19th, and the final trials for Thursday, October 22nd. The first and final trials for the Sophomore team will occur on Thursday, October 29th, and Friday, October 30th, respectively.

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NEW TECH SITE
(Continued from Page Four)

sal Cement Company, has made good his offer of a substantial gift by furnishing free the first ten thousand barrels, which have already gone into the buildings as part of the foundations.

The construction on the New Tech Field is being rushed as fast as possible. Last Friday morning the workmen began mixing the final top dressing for the cinder path straightaway. This will probably be ready for use inside of a few days. The complete circular track will be finished October 12th. Nothing as yet has been done to the football field inside of the track but this will doubtless prove a short matter with the large force of workmen employed. A temporary grandstand and clubhouse are being erected similar to the one at the old field. This is to be replaced by a permanent one of concrete.

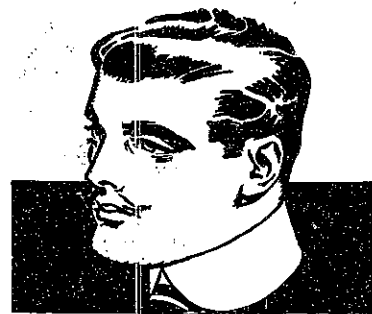
IMPORTANT CHANGES IN TECHNOLOGY FACULTY
(Continued from Page Four)

Engineering; C. L. Burdick, in Theoretical Chemistry; J. P. Constable, in Naval Architecture; R. G. Daggett, in Sanitary Chemistry; J. H. Ellis, W. K. Green and F. B. Morton, in Physics; W. E. Glancy and L. W. Parsons, in Analytical Chemistry; F. H. Pendleton, in Technical Analysis; C. K. Reiman, C. F. Walton and S. A. S. Strahan, in Organic Chemistry; W. L. Whitehead, in Geology; W. J. Winninghoff, in Theoretical Chemistry and Mathematics; J. E. Bird, in Mechanical Drawing; H. C. Harrison and A. P. Kitchen, in Electrical Engineering.

All 1918 men be at Huntington Hall, one o'clock.

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CLASS PIPES

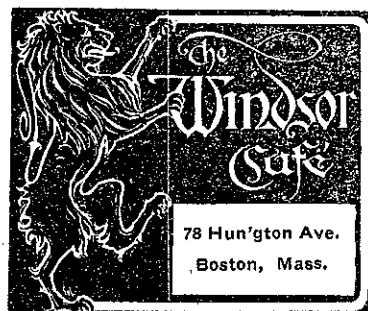
SCHRYVER'S SEGAR STORE

44 School Street, Boston

We carry the

B. B. B., S. S. S., G. B. D., etc. pipes in all styles

10 PERCENT DISCOUNT TO TECH STUDENTS.



78 Hun'gton Ave.
Boston, Mass.

WE ARE GLAD TO GREET YOU ONCE AGAIN

We still have the best of food and service at popular prices

CLUB LUNCHEON

40 and 50 cts!

From 12 M. to 3 P. M.

IT IS COOL AND CLEAN. TRY IT FOR YOURSELF

MUSIC EVENINGS AND SUNDAY AFTERNOONS

PROPRIETORS

T. P. CONSTANCE

P. G. SANTELLIS

78 HUNTINGTON AVE.

Near Mechanics Building

Boston, Mass.

Phone 25255 Back Bay

DON'T FORGET THE ADDRESS

We make a special effort to win the esteem of Tech men.

COPLEY SQUARE PHARMACY

E. G. BOSSOM, PROP.
HUNTINGTON AVE. BOSTON

GET YOUR BOOKS AT

The Old Corner Book Store, Inc.

27 AND 29 BROMFIELD STREET
BOSTON

Are We All Here?

Then Let's Start the Parade to Joe's

HAVE TO GO UP BOYLSTON STREET?

All right; then we'll go to the NEW store; sure you remember the new store on the corner of Mass. Ave. and Boylston St. Same goods as you get at 16 Huntington Ave.

Everything Up to the Minute for Style

Saw Joe this morning and he said that the new line of soft

STETSON HATS

had all the others backed off the lot. Also that the war had not caused the price of

PHOENIX HOSE

to be boosted. Anyway the best thing to do is to go up and see him right away.

Copley-Plaza Haberdasher

TWO STORES

16 Huntington Ave. Cor. Mass. Ave. & Boylston St.