

THE TECH

VOL. XXXIII. NO. 33

BOSTON, MASS., FRIDAY MAY 16, 1913

PRICE TWO CENTS

CLASS BOATS TO RACE ON CHARLES TODAY

Sophomores Get Best Position—
Crews to Finish at
Hereford Street.

The inter-class boat race will be rowed today at 5 o'clock P. M. The course will be one mile instead of one and seven-eighths, as was first announced, and will extend from the Cottage Farm Bridge to Hereford street. There will be a Junior boat in the center, the Sophomore boat on the Boston side, and two or three Freshman boats on the Cambridge side of the river. Coach Grear, who coaches the Boston schoolboy crews, will referee, and Dean Burton will probably be a judge at the finish.

Harvard Bridge will be the best place from which to witness the whole race.

CHEMISTS' BANQUET.

Good Speakers Promised at
Affair in Hotel Plaza.

The Chemical Society ballots are due at the Cage today at 4 P. M. The banquet will be held at the Hotel Plaza on Columbus avenue, at 6.30 P. M. Tickets for the banquet may be secured from the present officers of the society and from the candidates whose names appear on the ballots. Mr. Whitney of the General Electric Company will be one of the speakers of the evening. Others will be Dr. Talbot, Professors Walker and Lewis, and other members of the Faculty in the Chemical Department. The tickets will cost \$1.25, and the officers of the society hope to see every one of the 170 members present.

MINERS' FIRST BANQUET.

W. R. Ingalls to Be Speaker—
Elections to Be Announced.

The first annual banquet of the Mining Engineering Society will be held at the Hotel Lenox Friday, May 16, at 7.15 P. M. Mr. Walter R. Ingalls, editor of the Mining Engineering Journal, is the speaker for the evening. Prof. Richards, who is honorary president of the society, and several undergraduates will also talk on subjects of interest. Some outside talent has been secured to furnish light entertainment for the guests. The results of the election will be announced during the evening. Tickets may be obtained from the officers of the society for \$1.50.

TENNIS PROGRESS.

Only four matches in the singles and one in the doubles of the tennis tournament have been played so far. This is a very unpromising showing, and unless the remaining matches are played off more quickly this year's tournament will resemble those of former years, in that it will have to be continued to the Fall.

In the singles Curtis defeated White, 10-8, 7-5; Woodbridge defeated Carr, 6-0, 12-10; Blakeley won from McDaniels, 7-5, 6-1, and Hurlbert defeated Gaus, 6-2, 6-4. McDaniels and White, in the doubles, won from Scully and Howlett, 12-10, 6-1.

SENIOR PORTFOLIOS NOW READY AT CAGE

Holder of Sign-Up Slips May
Obtain Books Today
at 1 P. M.

The Senior Portfolios are out today, and may be obtained at the Cage from 1 to 2 P. M. They will be distributed each day at the same time for a week to those who have signed up. After that the books which remain will be sold to the men on the waiting list.

The edition is limited to 225 this year, so the holders of sign-up slips must present them soon if they wish to make sure of obtaining their books. The committee advises all who want books, but have not signed up, to get their names on the waiting list immediately.

TRACK MEET WITH W. P. I. TOMORROW

Tech Probable Winner Although
W. P. I. Will Capture Many
Points.

Tomorrow, at 3 P. M., a dual meet will be held at the Field between Worcester Tech and M. I. T. The races will undoubtedly be close and the Field events well contested.

In the dashes Tech is rather strong this year, and she will probably capture the honors in both events. It will, however, be no walk away, for keen competition may be expected from Higbee and Very, both of whom are fast men.

The four-forty is another event in which Tech should prove the winner. With T. H. Guething, Reed, Bolton and Gagnon all in good condition, both Moulton and Warren of Worcester

ELECTRICAL SOCIETY HOLDS FINAL BANQUET

Mr. Gano Dunn Addressed Mem-
bers at Spread Given By
Prof. Jackson.

Last evening the Electrical Engineering Society was given a very excellent dinner and evening's entertainment by Professor Jackson of the Electrical Engineering Department. The dinner was held in the Union at 6.30 o'clock, and a large number of men were in attendance.

The speaker of the evening was Mr. Gano Dunn, a former president of the American Institute of Electrical Engineers, and at the present time the president of the J. C. White Company. Mr. Dunn is a graduate of Columbia, class of '81, and while a student he worked for several years as a telegraph operator. The speaker in his address gave the fellows a great many useful points in regard to the practical experiences of college graduates aspiring to engineers, and the one thing that he brought out very strongly was the necessity of proper expression.

After Mr. Dunn had finished his interesting talk the meeting was thrown open for general questioning, and then the speaker was given a regular M. I. T. yell. As a final vote of thanks to Mr. Dunn the society unanimously elected him an honorary member.

In conclusion to the evening's festivities the chairman of the Electoral Committee announced the results of the election. The following men were chosen: President, H. B. Richmond; vice-president, J. F. Hendricks; secretary, J. W. Hines, and treasurer, H. A. Affel. Professor Jackson was given three hearty cheers and then the final meeting of the year was adjourned.

REGIMENT INSPECTED.

U. S. Army Officer Reviews
Freshman Cadets.

The annual government inspection of the M. I. T. Cadet Corps was held last Wednesday in the Armory. Capt. Schindel, of the General Staff, U. S. A., was the inspecting officer. The drill was not as good as has been given during some of the regular drill periods.

The inspection consisted of a regimental parade and review, battalion and company drills, and a regular regimental inspection. During the latter Capt. Schindel asked many of the men questions concerning the names and uses of various parts of the rifle. These were answered fairly well.

Capt. Schindel did not express any opinion as to the efficiency of the Regiment. This will not be known until he makes his official report. He did, however, compliment Capt. Chatfield on the marching of his company.

SURVEYING CAMP.

Professor Spofford wishes to meet all men expecting to attend the Summer Surveying Camp this year on Friday, May 16th, at 4 P. M., in Room 53, Engineering Building A.



M. I. T. TRACK SQUAD, 1912-13.

BIOLOGICAL BANQUET.

Banquet Will Be Held at the
Technology Club Tonight.

The Biological Society will hold its annual banquet this evening at the Technology Club on Newbury street. The banquet is scheduled for 6.30 sharp. Tickets may be obtained from the officers of the society for one dollar. All members are urged to attend this banquet as it is the last meeting of the year.

MECHANIC ARTS DINNER.

The Mechanics Arts Club held a very successful dinner Wednesday evening. Dean Burton, Dr. Parmenter, Major Co'e, Mr. Hanson and Mr. Carpenter were the speakers. C. L. Hall was elected president, H. Rogers vice-president, G. W. Wyman secretary-treasurer, and P. Covitz, to the Executive Committee.

INSTITUTE COMMITTEE.

There will be a special meeting of the Institute Committee at 4.15 today, in Room 8, Engineering C. This is the last meeting of the year and several important matters will be up for discussion.

Both the Freshman and Sophomore baseball teams seem to finish on the wrong end of the score.

ter will have to improve on their past performances to capture even second place.

In the half the results seem more doubtful. Bylund is out with a pulled tendon, and Germain is not up to the mark by any means. Guething is running well but it is doubtful if he will be able to stick to Capt. Keith. Besides their captain, W. P. I. will have Hugo, and it would not be surprising if he should place well.

Capt. Keith will also run in the mile, for which event he holds the N. E. I. C. A. A. record, and the fight for first between him and Palmer should be of unusual interest. W. P. I. is liable to capture a majority of the points in this event as Tech has but Palmer and Wilkins, while Worcester has both Hugo and Hedstrom, besides Keith.

As an all-round good race the two-mile should be a feature. For first place, the struggle will probably be a close one between Armour and Wall. Then there should be a general contest for the other places between Cook, Benson and Nye for Tech, and Gerald and Hedstrom for Worcester.

The hurdles will undoubtedly be won by Huff and Curtis, with Curtis first in the high and Huff first in the low.

Power of Worcester will win the hammer, with McLeod of M. I. T., second. Tech will probably take the other places. In the discus, McLeod, McNeil and Beech will probably win the first three places. Powers is

(Continued on Page 3,

PORTFOLIO ON SALE TO-DAY AT UNION

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.

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

MANAGING BOARD.

S. H. Taylor, '14.....General Manager
E. B. Goodell, '15.....Editor-in-Chief
F. C. Foote, '15.....Managing Editor
L. C. Lamb, '15.....Advertising Manager
W. H. Fleming, '15.....Circulation Manager
G. A. Palmer, '15.....Treasurer

NEWS BOARD.

H. Rogers, '15.....Chief News Editor
T. W. Burkhardt, '15.....Assignment Editor
E. H. Townsend, '16.....Assistant
A. Weaver, '14.....Institute Editor
W. T. Kneizner, '16.....Assistant
G. B. Rivers, '14.....Societies' Editor
W. Wyman, '16.....Assistant
J. B. Carr, '16.....Athletic Editor
R. E. DeMerritt, '16.....Assistant
C. W. Loomis, '16.....Asso. Editor-in-Chief
J. K. Heller, '16.....Assistant

BUSINESS BOARD.

H. I. Knowles, '15.....Asso. Advertising Mgr.
E. W. Macy, '15.....Insertions and Copy
S. S. Berkowitz, '15.....Publicity Manager

NEWS STAFF.

T. J. Barry, '15.....H. P. Gray, '16
C. W. Hawes, '16.....R. Millis, '16
T. C. Jewett, '16.....G. P. Allen, '16

EDITORIAL STAFF.

H. W. Lamson, '15.....H. E. Keyes, '16

BUSINESS STAFF.

H. E. Schabackér, '16.....P. E. Polley, '16

Office Hours of General Manager:
5.30 to 6.00, Daily, Except Saturday.
Office Hours of Managing Editor:
8.40 to 9.00 A. M., Daily; 5.30 to 6.00 P. M.,
Daily, Except Tuesday and Thursday.
7.00 to 8.00 P. M., Friday.

Office, 42 Trinity Place.
Phone—Back Bay 5527 or 5120.
Night Phone—Back Bay 5527.

Subscriptions within the Boston Postal District, and outside of the United States, must be accompanied by postage at the rate of one cent a copy.

FRIDAY, MAY 16, 1913

The Worcester versus M. I. T. track meet which will be held at Tech Field tomorrow afternoon has been given much publicity, both by our track management and the Boston papers. This means that the public eye will be turned toward the contest. Will the student body show the spirit which the Track Team Management have shown in their efforts to make the meet a credit to the Institute, or will it exhibit its usual indifference and give M. I. T. an undesirable reputation in the world of college sport? A responsibility rests on every one of us.

BURSAR RAND'S TALK.

Bursar Rand gave a short talk on Business Methods before the Seniors of Course II yesterday. Among other things he gave an account of the general banking conditions of the country and a history of the use of bank notes and paper money. He had something to say on the investing of money and advised very strongly against buying on margins or having anything whatever to do with the curb stock market. In regard to investing in securities of various sorts he favored bonds of reliable companies paying a low rate of interest, and stated that government bonds were the safest investments for a man with a limited amount of capital.

The Bursar also had a great deal to say regarding the relations existing between employers and employees, especially as regards the treatment of subordinates.

GAME POSTPONED.

The Freshman-Sophomore baseball game which was scheduled for Wednesday afternoon had to be postponed because several of the players had classes which would prevent their reaching the field in time. It is probable that the game will be played next Saturday if arrangements can be made. This will be the first of the inter-class series, and promises to be very close.

Two weeks from Wednesday.

CLASSIFIED ADVERTISEMENTS AND NOTICES.

Faculty Notices, free.
Activities, 4c. per line.
Individuals, 10c. per line, 6 words to a line.

FACULTY NOTICE.

May 13, 1913.

The attention of students in the present Freshman class is called to the recently established course in Industrial Physics (Course VIII, Option 3), which goes into effect for the second-year class in September, 1913. Any students in the present Freshman class who wish to take this course instead of the one which they have already planned to take should notify the Registrar of their desire to make the change.

A. L. MERRILL, Secretary.

FOUND—If the man who dropped a Woods & Bailey Mathematics from a motorcycle on Dartmouth street Wednesday morning will call at the office of Dr. Pease, at No. 330 Dartmouth street, he may obtain same. (33—1t)

FOUND—In 6 Lowell, May 13, a small sum of money. The owner may apply for it to Professor Sedgwick, 27 Pierce. (33—1t)

LOST?

If the party, who was instrumental in relieving my inside coat pockets of valuable papers, etc., while said coat hung on the rack in Rogers 2, last Wednesday afternoon, will return by mail any of the material which he cannot make use of, I will not cause him any inconvenience. H. R. Perry, Mining Dept.

THESES ARE DUE.
TUESDAY, MAY 27, AT 5 P. M.,

It in no way pays to delay this important part of your last year at school.

Plan to finish your first writing at least two weeks ahead, so that the final form, which is a large factor in the effectiveness of all work, may be well done.

If you wish to have it typewritten at as low a cost as is consistent with careful, painstaking work, bring it in early to those who have had three years' experience with Tech Thesis.

R. H. RANGER.
Tech Typewriting Bureau,
The first round of the tennis tournament is well under way.

THE TECH UNION BARBER SHOP

Located at the
HOTEL WESTMINSTER

Handy to the Institute. Up-to-date fashionable hair cutting by skilful barbers. The best hygienic and most perfectly ventilated shop in the Back Bay. Special attention given to honing razors. Carefully selected razors for sale on a guarantee for one year.

Hoping you will convince yourself by giving us a trial, we are,
Yours very truly,

TECH UNION BARBER SHOP

PRESTON'S Coffee House

OPEN ALL NIGHT
1036 BOYLSTON ST.
BOSTON

Telephone. 21717 B. B.

*Young Mens Hats
for Every Occasion*
COLLINS & FAIRBANKS COMPANY
383 WASHINGTON STREET - BOSTON

STONE & WEBSTER

CHARLES A. STONE, '88
RUSSELL ROBB, '88
ELIOT WADSWORTH, '91

EDWIN S. WEBSTER, '88
HENRY G. BRADLEE, '91
DWIGHT P. ROBINSON '92

JOHN W. HALLOWELL

Securities of Public Service Corporations
Under the Management of our Organization

STONE & WEBSTER
Management Association
GENERAL MANAGERS OF PUBLIC SERVICE CORPORATIONS

STONE & WEBSTER
Engineering Corporation
CONSTRUCTING ENGINEERS

THE ADVANTAGES WE OFFER

PROGRESSIVE methods, large resources and two conveniently located, thoroughly modern bank buildings, combine to make this institution the most desirable depository in New England.

Interest-bearing accounts subject to check may be opened either at Court Street or Temple Place, and the two offices used interchangeably for the transaction of your banking business.

You are cordially invited to inspect the modern Safe Deposit Vaults at either office.

Old Colony Trust Company

Court Street

Temple Place

MACULLAR PARKER COMPANY

gives special attention to clothing boys and young men for school and college. Their styles and fabrics are of the latest and the clothes—ready for immediate use, or made to order—are designed and manufactured by experts in work-rooms on the premises.

Special things in Haberdashery
Stetson Hats Exclusively, Stiff and Soft

400 WASHINGTON STREET, BOSTON

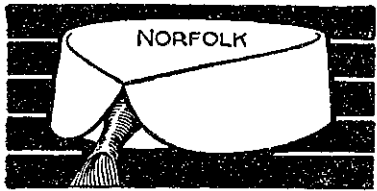
McMORROW

College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

The Original
TECH BARBER SHOP
 Increased Business. Increased Help. Everything Sterilized.
Copley Square
 Bootblack Second Floor



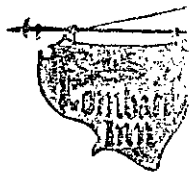
NORFOLK
NORFOLK a New
ARROW
COLLAR
 HIGH IN THE BACK AND
 LOW IN FRONT 2 for 25c
 Cluett, Peabody & Co., Inc., Makers



THE CHOCOLATES
 THAT ARE DIFFERENT
 FOR SALE AT THE UNION
 SOMETHING
 NEW CONTINUALLY,

ITALIAN
Restaurant

TABLE d'Hotel
 DINNER 5 to 8.30
 A LA CARTE



STRICTLY ITALIAN CUISINE
 Italian Wines - Music
Boylston Place
 Near Colonial Theatre
Boston, Mass.
 Tel. Oxford 2942

HERRICK, COPLEY SQUARE
 Choice Seats for all Theatres
 Phone B. B. 2323

Key Number Connecting Five Phones
 Students' used clothing and other
 personal effects bought by
KEEZER
 360 COLUMBUS AVENUE
 (Near Dartmouth St.)
 Highest prices paid for same.
 TRC. 916. Phone Write or Call
 Open Evenings to 8 o'clock

The London Shop
MEN'S FURNISHINGS
478 Boylston Street

HAIR CUTTING
 under
COPLEY SQUARE HOTEL
 4 Barbers, Manicure
 H. J. LANDRY - Proprietor

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 Avenue, Boston

TRACK MEET
 (Continued from Page 1.)
 Worcester's best man and he may nose out Beech, but it is improbable. Both McLeod and Alt should score before Inman of W. P. I. Laurason should win the pole vault, with Coneen and Gorman of Worcester second and third. In the high jump the fight for first will be between Hall and Burgess of W. P. I., and it is hard to pick the winner. The shot-put will be very close between McLeod and Stowe of Worcester.

CATHOLIC CLUB.
 Banquet a Success—L. F. Walsh Elected President.

The banquet of the Catholic Club, held last night at the Thorndike, proved to be a success in every way. The banquet itself was one that was heartily enjoyed. After the dinner Past President L. S. Walsh spoke a few words and turned the chair over to the new president. The officers elected were: President, L. F. Walsh; vice-president, V. S. Gallens; secretary-treasurer, W. H. Monahan; Executive Committee, T. F. Comber, F. J. Wall and W. D. Drummev. The speaker of the evening was Mr. McSweeney, and his subject dealt with social problems. Father Scanlon and members of the Senior class who were present, gave short talks.

LAST FOUNDRY TRIP.
 This afternoon the regular Friday section of the foundry class will visit the foundry of Blake & Knowles' Pump Works in Cambridge. The class is to meet Mr. O'Neil at the works, which are situated on Third street, near the Kendall Square Subway Station, at 2 o'clock. This will be the last section of the class to take this very interesting trip.

C. F. HOVEY & CO.

Men's Woven Madras Shirts

Of our own Manufacture, in Plain White and White Ground with Colored Striped in a large assortment of colors; cuffs attached or separate, at **\$1.50**

Men's Four-in-Hand and Bat Wing Ties

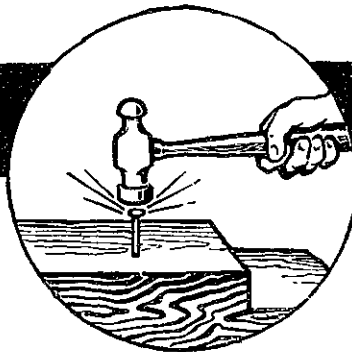
Made by Welch, Margelson & Co., London, England.
 Of Foulards and English Crepes and the four-in-hands are both open end and reversible.

Four-in-hands **\$1.00 and \$1.50**
 Bat Wings **75 cents**

Men's Underwear

Athletic Underwear in Nainsook, Balbriggan, Crepe and Cotton **50 cents** per garment and upward

Lisle Thread Shirts and Drawers with long and short sleeves; drawers are ankle length. **\$1.50** per garment and upward.



Metaphor

Metaphor, the force of fancy, fastens in our memory the gist of fact.

Velvet
 THE SMOOTHEST TOBACCO

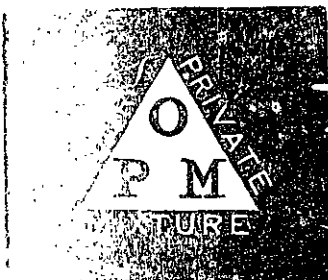


Also in one pound glass jars with humidifier tops.

And while you are pondering the satisfying smoothness of Velvet, forget not its tempting fragrance and delightful richness. They are not mentioned in the metaphor—but they are in the tobacco.

Liggett & Myers Tobacco Co.

The Perfect Pipe Tobacco



O. P. M. is PERFECT BECAUSE it is mild, fragrant,

slow burning, free from artificial flavoring, and **DOES NOT BITE** the TONGUE.

2 oz. Can, 25 c. 4 oz. Can, 45c. 8 oz. Can, 80c 16 oz. Can \$1.00

It is absolutely the Finest Mixture produced
 Manufactured by **COBB BATES & VERXA CO., Boston**

Your Bank

The American Trust Company invites you to open an account, whether large or small, and to use the facilities of the company to the fullest degree. We want you to look upon it as "Your Bank," and we shall do everything in our power to make it a real help to you in the conduct of your business and financial affairs—as well as an institution for the prompt and accurate handling of funds.

AMERICAN TRUST COMPANY

50 State Street, Boston

Capital \$1,000,000 Surplus (earned) \$2,000,000
 Total Resources over \$20,000,000
 SAFE DEPOSIT BOXES

CLOTHES TALK!

Our business is to make clothes fit; clothes that fit your form and your personality; clothes that help you look your best. Our Spring and Summer Stock contains the very latest novelties and newest ideas from London and Paris. Our prices run from \$25.00 to \$50.00 per suit. Hundreds of high-grade imported fabrics from which to select. Don't fail to secure one of our Pressing Tickets which entitles you to have one suit pressed each week at the very low price of \$1.00 per month. Telephone Back Bay 2937, and we will call for and deliver garments. One Trial will convince you we give perfect satisfaction. Orders Promptly Attended to.

PRESS & HERBERT, Tailors For Ladies and Gentlemen

486 Boylston Street
 OPP. INSTITUTE OF TECHNOLOGY

You've Been The Victim - Yes, You Have.

We all have, of the petty salesman who lost all interest when we stated the price we wanted, or could afford, to pay and this didn't meet with his exalted ideas. We don't employ snobs of this kind. Or any other kind.

The same courteous service is rendered in the showing of our \$25.00 suit as in that of twice this sum.

That \$25.00 suit will be a pleasant surprise to you if you are not acquainted with it.

We make a specialty of it, are immensely proud of it, and guarantee its value in every detail.

You don't have to buy. We won't bore you, but it will pay you to see what we offer at this price.

BURKE & CO., Inc., TAILORS

Harvard Sq., Cambridge. 18 School St.; 843 Washington St., Boston
 Andover, Mass. Hanover, N. H.

PHILLIP'S EXPRESS

Baggage Transferred to all parts of the City

FREIGHT WORK OF ALL KIND

Furniture Packed and Shipped at short notice

OFFICE, 200 DARTMOUTH ST.

Up One Flight over Fine's Flower Store

Stands at Boylston and Clarendon Sts.

Telephone, Back Bay 978

Naval Architects Outfit For Sale

Set of Richter imported drawing instruments, splines, "T" squares, weights, etc. Set transactions, Society Naval Architects; bound volumes of Rudder; Marine Engineering; Dixon Kemp, etc.
 Will sell cheap. As a lot or separate.

T. BUCKMAN

19 West 27th. St.,

New York City

COPLEY SQUARE HOTEL

Huntington Avenue, Exeter and Bladgen Streets

BOSTON, MASS.

Headquarters for Professional, College and Athletic Teams when in Boston
 360 Rooms, 200 Private Baths. AMOS. H. WHIPPLE, Proprietor

IT HAS BEEN STATED THAT TECHNOLOGY FRATERNITIES

are very loyal and will patronize those who advertise in "THE TECH" if the advertiser's goods and prices are right.

We would ask "Tech" men to give us a trial. Our furniture warerooms are well supplied with the latest styles of easy chairs upholstered in the best leather or any kind of cover desired, *Library Tables* in oak and mahogany in great variety, Rugs and Carpets of the latest types.

"Tech" men: come and look through our warerooms. We have everything you need in the furniture line at the lowest prices.

ASK TO SEE MR. McARTHUR

A. McARTHUR CO.,

111-117 Washington St.,

Near Adams Square

Cooling Drinks

for your room

Metcalf's Fruit Syrups

Lemon

Raspberry

Orange

Sarsaparilla

Pine Apple

Strawberry

THEODORE METCALF CO.

PRESCRIPTION DRUGGISTS

Clarendon and Boylston Streets