

THE TECH

VOL. XXXII. NO. 17

BOSTON, MASS., SATURDAY, OCTOBER 19, 1912

PRICE TWO CENTS

MEN WILL BE GIVEN HANDICAPS IN MEET

Practice For Fall Handicap Meet Which Comes Off a Week From Today.

This afternoon, at the Field, will be held the second of the Saturday afternoon meets, in which the "T" men are barred. In this meet every man who has reported at the Field for work has been given a handicap, judged upon ability shown in the previous meets and in work at the Field since then. All of the sprinters and class relay men have been entered and handicapped in the two dashes, and all those doing longer work have been figured on for the quarter and half. The Field event men are expected to enter in the events and have been given marks according to their ability. Handicaps have been arranged for about a hundred men, and the greater part of these are expected to take part in the meet.

In the hundred yard dash, the scratch men, Crankshaw and Barry, will have to show great speed to overhaul the long mark men, some having as much as eleven yards. In the two-twenty, Clark, who was the first man at the last meet, will start from scratch, with Crankshaw, Barry and Bolton; all these men are very good but are severely handicapped.

The quarter-mile looks to be won by E. E. Gagnon, who placed second last meet. Gagnon is again the favorite for the half-mile, where he starts as low mark man.

Laurason, the Freshman star at the pole vault event, looks like a winner, but the old-timers, Mangan and Hurlburt, will press him hard. Hall and Teeson, the low mark men in the high jump, will have to jump their best to beat out the younger men, among whom is Freiburg of Vermont. Charlie Fox, from scratch, is liable to get away with the broad jump, though if Harbaugh, 1916, reports, he may upset the dope.

In the weight events no one stands out very strong, though Fox, Crowell and Africa look to be the strongest. No admission is to be charged for the meet today.

The handicaps are as follows: For the hundred-yard dash and the two-twenty the handicaps follow one another, respectively.

100 and 220-yard dash, Loomis, 8 yards, 9; McIntyre, 8, 12; Medhurst, 8, 14; Millis, 8, 12; Murdoch, 8, 14; MacBride, 7, 10; Murphy, 6, 10; Nor

(Continued to Page 2, Col. 2.)

COMMUNICATION.

To the Editors of THE TECH:
Will you kindly print the following challenge in your paper:
To the Woodrow Wilson Club of M. I. T.:

The members of the Progressive Club of the Massachusetts Institute of Technology hereby challenge the members of the Woodrow Wilson Club of the Massachusetts Institute of Technology to a joint debate on the issues of the present presidential campaign. A committee from the Progressive Club has been appointed, and will confer with a committee from the Woodrow Wilson Club, if one shall be appointed, at their convenience.

ALDEN H. WAITT,
President M. I. T. Progressive Club.

COSMOPOLITAN CLUB TO HOLD JOINT NIGHT

President Maclaurin Expected—Very Interesting Program Arranged.

The first entertainment of the Cosmopolitan Club this year will be held at 8 o'clock tonight in the Union. All those who belonged to the club last year, and in fact almost every Technology man, knows how successful these entertainments have been in the past, and this one promises to equal, if not surpass, all others. Not only foreigners, but all those interested are invited to attend, and a departure is to be made by having this a ladies' night. President, and probably Mrs. Maclaurin, and Dean Burton will attend.

The program is to be truly cosmopolitan, as it will include items by members from seven different countries. The club usually holds "National Nights" throughout the year, at which all the members from one country furnish the entertainment. Tonight is to be one of the "joint nights," and men of widely different nationalities will have something to say about the customs and manners of their respective countries. Refreshments will be served in styles typical of several different nations.

Everybody attending will undoubtedly spend a very pleasant evening, and an unusual opportunity is afforded Americans at the Institute to mix with foreigners and learn something of their ideas and customs.

GOLF TEAM PRACTICE.

Arrangements Have Been Made to Play at Newtonville.

Temporary arrangements have been made for members of the Golf Club to play at the Albermarle Golf Club course, Newtonville, Mass., this afternoon and Sunday. Final information regarding the future playing over the above course will be published in THE TECH as soon as possible.

The following are the directions how to reach the course: Take a B. & A. train at Trinity Place Station for Newtonville, the course being ten minutes' walk from the station. Ask at Newtonville station how to find the course.

WIRELESS MEETING.

The Wireless Club will hold its first meeting next Thursday afternoon at 4 P. M., in Eng. B, to which all men interested in wireless are invited. At this meeting the new members will be taken in and the plans for the ensuing year will be discussed. At the second meeting of the club a Freshman will be elected to the Board of Directors.

A REMINDER.

All Episcopalians are reminded that there are three pews available for their use in the Trinity Church, Nos. 107, 109 and 114. All men going to Trinity for the first time should enter by the center door, tell the usher who they are, and they will be cordially received. Dr. Mann would like all to leave by the Clarendon street door, in order that he may greet them.

R. W. CHILD SPEAKS TO PROGRESSIVE CLUB

Gives Reasons For Being a "Bull Moose"—Outlines of Party Ideals Given.

Richard Washburn Child was the speaker of the evening at the first smoker held by the Technology Progressive Club. The meeting was very informal and Mr. Child sat down among the members and gave his idea of the Progressive Party. He said in part that his reasons for becoming a Progressive were that he has watched the fighting of sham battles between the political parties for years and noticed that the bosses decided who they wanted for office in both of the parties, and these candidates were nominated and then plenty of red fire was burned and the usual display attending an election took place, and finally the man that the bosses had decided upon was elected and everything was forgotten until the time for the next election. He cited the conditions in New Jersey and California as direct proofs of these statements.

He continued, that the progressive spirit is not only confined to the Republican Party, but men of both parties have tended towards this movement for years, and cited Senator Dolliver as prophesying the Progressive Party years ago, and said that a third party would be formed under the leadership of Theodore Roosevelt.

In explanation of the trust question, he said that the only way to deal with them was in a business-like way, and not through lawsuits that didn't amount to anything. The tariff will be dealt with in a sensible way by the Progressive Party, and a commission that will work the thing out right is what is wanted.

In the discussion that followed the talk the action of several newspapers of Boston on the campaign was dealt with, and he stated that the papers have an organized body to oppose the Progressive Party. In one instance he told of a noted Boston paper that refused to publish a speech by the Progressive candidate, O. S. Bird, for governor, and when parts of this speech was offered to the paper as a paid advertisement they refused to accept it, but on the same night published a speech by one of the other parties on identically the same subject.

Professor Haven of the Institute concluded the talking of the evening with a remarkable outline of the ideals of the Progressives, and was received with considerable applause.

One of the interesting events of the evening was the issue of a challenge to the Wilson Club of the Institute for a debate on the issues of the two parties.

NEW STADIUM BRIDGE.

The Stadium Bridge, which is so much desired by our friends across the river, is about to become a reality. It will extend from North Harvard street in Boston to Boylston street in Cambridge.

The structure is a memorial gift erected to his father by Mr. Larz Anderson, a Harvard graduate. Its construction will be under the control of the Metropolitan Park Commission.

BURSAR RAND INSTALS WASHING APPARATUS

As a Result of Recent Act of Legislature Individual Towels Supplied.

Acting upon the advice of the State Commission of Hygiene, the Massachusetts Legislature passed a law during the past summer to the effect that individual towels should be substituted for roller towels in all public lavatories.

It would have been an impossibility for any of the student committees to have provided individual towels for the entire student body as the cost of laundering them would have been too great. Bursar Rand's fertile mind has evolved a scheme whereby two laundresses have been employed by the Institute.

A room in one of the buildings has been fitted with all modern appliances for washing and ironing and turned over to them, thus saving expense and insuring absolute cleanliness.

STREAM GAGINGS.

Practical Experience in Stream Measurements at Lowell.

Parties of fourth year men in Courses I and XI have been going out to Lowell for stream measurements and have been getting valuable experience in measuring the volume of water flowing in open channels, as well as enjoying some very interesting trips. The proprietors of locks and canals on the Merrimack River have permitted the students to measure the velocity of the water that supplies the power to the most important cotton mills situated along its bank at that place.

Professors D. Porter, G. E. Russell, H. K. Barrows and Assistant W. L. Collins are in charge of the work. Among the Seniors who took the trip yesterday were: H. Howie, H. H. Achard, M. A. Hernandez, H. G. Hauck, A. G. Ranney and H. F. Sutter. The party returned to Boston about 7 o'clock.

STUDENT ENGAGED.

The engagement has just been announced of John W. B. Ladd, a post-graduate student at the Institute, to Miss Alice G. Boutell of Washington, D. C. Miss Boutell is the daughter of the American Minister to Switzerland, and Mr. Ladd resides at 191 Marlboro street. The wedding is to take place on Thanksgiving Day, in Washington, and Mr. and Mrs. Ladd will live in Boston.

The University of Michigan requires a course in clog dancing as part of the physical training for men.

CALENDAR.

Saturday, October 19, 1912.
2.30—Track Meet—Field.
2.39—Hare and Hounds—Back Bay Station—Dedham.
3.00—Football, 1916 vs. Rock Rindge.
8.00—Cosmopolitan Club—Union.
Monday, October 21, 1912.
4.00—1916 Relay Time Trials—Field.
8.00—Lowell Institute Lecture—Huntington Hall.

THE TECH

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All communications should be addressed to the proper departments.

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SATURDAY, OCTOBER 19, 1912

COSMOPOLITANS.

The first meeting of the Cosmopolitan Club has been arranged for this evening with many interesting features. We sincerely hope that a large number of men will make an effort to be present, for it gives a remarkable opportunity to come into close contact with a truly Cosmopolitan group of people where each has an interesting story of his nation's life, and at the same time is giving his share toward making the lives of other men from distant lands a little more pleasant. A former precedent has been laid aside in the fact that the men have been asked to bring ladies.

MORE MEN WANTED.

The managers of all Sophomore and Freshman teams are still calling for men and are, at the present time, considering what will be the outcome if they are not able to fill out the different teams to their proper size.

The few men who have been appearing have been doing admirable work in every way, but it is evident that there cannot be the necessary incentive when only a half or a third of the required number come out for practice.

The Sophomore tug-of-war team is the most needy, and the result of last year's Field Day, which hung on the final pull in the tug-of-war match, should be enough to bring out a large number of men to the Oval for practice.

If any man is lacking in sufficient class spirit to try out for a team, it is decidedly "up to him" to see where his point of view in the matter is wrong. If a man is physically unable, and few are not, he should use his efforts in getting others. Every man owes it to his classmates to make some attempt toward bettering the teams.

MANY THANKS.

THE TECH wishes to thank Professor Gardner of the Architectural Department for a large number of old issues of the paper during the time that its publication was weekly. The copies were found in the late Professor Despradelle's office. They are valuable to us and most interesting.

A new \$80,000 Science Building has just been finished at Ohio University. It is said to be as ample and complete as any in the State.

SUMMER COURSES.

Compulsory Next Year in Certain Departments.

Under the general policy of making all courses broader, the Institute has announced a change for next year in the work of instruction held during the summer months. In the past these summer courses have been offered solely for the convenience of those students who wished to secure practical work in the field. However, for the summer of 1913, all undergraduates taking the courses of either Mining, Sanitary or Civil Engineering, who have completed the work of the Sophomore year, will be required to take the summer courses offered at their respective departments.

Last year the camp of Civil Engineering was held in Maine, and under the new requirements there will be an increase in attendance of about fifty students. This will naturally make necessary the enlargement of the camp, and plans are now under way for its conduction in the most modern and efficient manner.

The regular first term work in Qualitative Analysis in Course 10 will be given during the summer after the Freshman year, beginning with the class entering next Fall.

TRACK MEET.

(Continued from Page 1, Col. 1.)
ton, 6, 12; Ober, 7, 10; Place, 7, 10; Reed, 8, 12; Purinton, 10; Russell, 8, 12; Shepard, 9, 14; Sidelinger, 8, 18; H. Smith, 9, 16; W. Smith, 9, 16; Stein, 8, 14; Toplev, 8, 14; Teeson, 6, 8; Thomas, 8, 12; Wallis, 8, 10; Urquhart, 7, 220 yards; Wolley, 9, 14; Adams, 2, 5; Anderson, 9, 15; Baker, 12, 220 yards; Baney, scratch; Bolton, scratch; Baston, 2, 3; Carpenter, 9, 16; Chapman, 9, 12; Connelly, 9, 15; A. Curtis, 7, 220 yards; B. Curtis, 8, 14; Dean, 10, 220 yards; Eastman, 9, 14; Edwards, 8, 15; Enebuske, 10, 16; Freeman, 10, 16; Goldstein, 9, 15; Goodell, 11, 16; Hauford, 11, 16; Hive, 9, 18; Hoffman, 15, 220 yards; Holmes, 8, 14; Hyde, 8, 14; Jewett, 9, 18; Joslin, 9, 18; Kingsbury, 8, 14; Kleinhert, 10, 100 yards; Kittredge, 6, 10; Lawrence, 9, 15; Lieber, 10, 17; Love, 10, 17; Crankshaw, scratch; Morse, 6, 100 yards; Bylund, full.

440-yard dash: Beny, scratch; Bolton, 2 yards; A. Curtis, 2; Gagnon, 4; Crankshaw, 6; Prescott, 8; Urquhart, 8; Dean, 8; Kittredge, 8; Baker, 10; Gray, 12; Hoffman, 14; Kleinhert, 14.
880-yard dash: Stubbs, scratch; Salisbury, 30; Sayward, 40; Spencer, 10; Walter, 40; Webster, 50; Werson, 40; Gagnon, 10; Graft, 50; Gray, 40; Loeb, 40; Prescott, 10.

Pole vault: Laurason, scratch; Mangan, 3 inches; Hurlbutt, 6 inches; Tot, 1 foot; Friebus, 1 foot; Nelson, 18 inches.

High jump: Hall, scratch; Teeson, scratch; Tot, 2 inches; Friebus, 2 inches; Africa, 4 inches; Garita, 3 inches; Morse, 5 inches; Claussen, 5 inches.

Broad jump: Hines, Tot, Alt, Harbaugh, scratch; Friebus, 8 inches; Morse, 18 inches.

Hammer throw: Owen, scratch; Africa, 10 feet; Curtis, 14 feet; Fox, 18 feet; Hawley, Brewer, 20 feet.

Shot-put: Fox, Crowell, scratch; Owen, 2 feet; Lehmaier, 3 feet; Hawley, Africa, 4 feet; McPhenin, 5 feet.

Discus: Owen, Tot, scratch; Hawley, 5 feet; Africa, 8 feet; Antis, Crankshaw, 10 feet.

There are at present nearly two hundred men engaged in varsity and interclass athletics at the Institute. Nearly one hundred and twenty of these are engaged in track practice.

Ten men have been dropped from the Harvard Varsity because of their inability to keep up in their studies.

THE TECH

Morning Delivery

THE TECH is prepared to deliver the paper before 8 a. m. to all students rooming on the following streets - St. James Avenue, Newbury St. The Fenway, Westland Avenue, Huntington Ave., below Massachusetts Ave., St. Botolph and cross streets.

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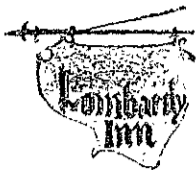
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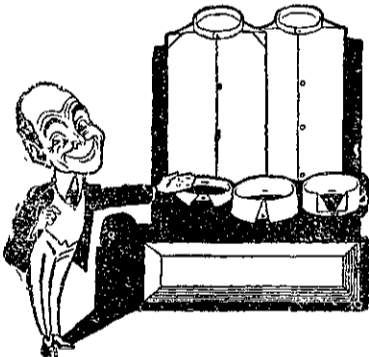


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**GREAT CLAY INDUSTRY
IN UNITED STATES**

Decrease in Number of Bricks
and Tiles Made—Increase
in Pottery Trade.

The total value of all clay products marketed in 1911, according to Jefferson Middleton, in an advance chapter from "Mineral Resources" for that year, entitled "Statistics of the Clay Working Industries," just published by the United States Geological Survey, was \$162,236,181, a decrease of \$7,879,793 from the value of such products for 1910, when it was \$170,115,974.

Of the two great divisions of the industry, brick and tile and pottery, the pottery trade showed an increase. The decrease in the brick and tile industry was \$8,613,675; the increase in the pottery industry was \$732,882.

In the brick and tile industry there were decreases in both quantity and value of common brick, in the number of vitrified paving brick, in the value of fancy or ornamental brick, in the quantity and value of fire brick, and in the value of drain tile, and of architectural terra cotta. There were, however, increases in the value of vitrified paving brick, in the quantity and value of front brick, in the value of enameled brick, stove lining, sewer pipe, fireproofing and the miscellaneous items.

The decrease in the output of common brick may be partly accounted for by the increased use of hollow block or tile for the construction of large buildings and even of dwellings. This form of construction offers many advantages, among which are economy in construction, the ease and rapidity with which the material can be put in the wall, and its non-conductivity. It is believed that there will not be any rapid increase in the production of common brick in the future and it is probable that the use of hollow tile or block will largely increase.

The value of drain tile increased constantly for 10 years up to 1910, and then showed a large decrease—15.05 per cent—the largest proportional decrease of all the clay products in 1911. This decrease is thought to be due to the unusually dry season, obviating the immediate necessity for the use of drain tile.

Ohio led all the States in the value of its clay products in 1911, with \$32,063,895; Pennsylvania was second, with \$20,270,033; New Jersey third, \$18,178,228; Illinois fourth, \$14,332,011; and New York fifth, \$10,184,376. No other State had an output of clay products as high in value as ten million dollars. Of these five States only Ohio and New Jersey showed a gain in value of output over 1910, the increase in Ohio being \$1,687,573, and in New Jersey \$342,919.

To the Editor of THE TECH:

Dear Sir:—During the last few days I have been looking over the old school in which I received my education many years ago. The changes for the better throughout the school are too numerous to mention, and the examples of splendidly efficient management are everywhere apparent. In my travels, however, I was struck by one discordant note, and that was caused by the apparitions of Theodore Roosevelt and Hiram Johnson, which greeted me from the notice boards, supposedly constructed for Institute notices, and not for evidences of student partisanship. Of the respective merits of the candidates for the Presidential office I have nothing to say. What I do want to enforce, however, is the fact that the exhibition of political preference, mentioned above, does not redound to the credit of the present undergraduate body.

Yours truly,
AN OLD STUDENT.

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NOTICE—Any student holding keys for Field lockers please return as soon as possible. (Signed) F. H. Briggs.

PRECISION OF MEASUREMENTS.
The lectures in Precision of Measurements for entering College Students will be held on Mondays and Fridays at 4 P. M., in Room 23, Walker Building, during the first five weeks.
(8-1f) H. M. GOODWIN.

FOUNTAIN PENS—Call at THE TECH office and see our line of first-class fountain pens at low prices, any morning, 8.30 to 9.00.

FOUND—A slide rule. Owner call and identify it at THE TECH office. (11-1f)

FREE TICKETS to the Museum of Fine Arts for the year 1912-13 will be issued to students upon application at the ticket office at the entrance to the Museum. (6-1f)

GLEE CLUB CANDIDATES.
The Glee Club trials will be postponed until some time next week. Notice of the new date will be given later. All candidates watch THE TECH.

J. L. CHAMPAGNE'S All-College Dancing Parties every Wednesday and Saturday evenings. Lundin Gymnasium, 44 St. Botolph street, Boston. Refined patronage. (Tues-Fri)

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WILL all members of Phi Delta Theta in Tech please send their addresses to Homer H. Berger, secretary of the Harvard Phi Delta Club, at 62 Perkins Hall, Cambridge.

ON SUNDAY, October 20, at 8 P. M. the monthly corporate communion of the Brotherhood of St. Andrew will take place at Trinity Church, and all communicants are cordially invited to attend.

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