

THE TECH

VOL. XXXIII. NO. 30

BOSTON, MASS., SATURDAY MAY 10, 1913

PRICE TWO CENTS

IMPORTANT INSTITUTE COMMITTEE MEETING

Musical Clubs Ask For Advisory Council Without Alumni Members.

At the meeting of the Institute Committee, held yesterday afternoon, reports were received from the treasurer of the committee, from the Finance Committee, Union Committee, and from the committee on the Co-operative Society. A request was received from the Musical Clubs to have arrangements made so that the clubs could be brought into closer touch with the Institute Committee.

The committee voted, at the suggestion of L. H. Lehmaier, that "it is the opinion of the Institute Committee that but one athletic event should be held on Saturday of next week, and that this event should be the Tech-Worcester meet."

The treasurer reported a balance of \$36.61 for May 1, after all expenses are paid.

The Finance Committee reported that all activities are free of debt, or would finish the term in that condition. They recommended that all activities designate one person who shall be responsible for all advertisements that appear in the papers, and that THE TECH be notified in writing of the man appointed. The report was accepted.

The election of Mac Fahren as chairman of the Union Committee was also ratified. Mac Fahren has been the Junior member of the committee.

The committee on a more efficient Co-operative Society reported progress, and also that a more comprehensive report would be presented at a later meeting.

In response to a request from the Musical Clubs, the Institute Committee voted to appoint a committee to be composed of one member of the Institute Committee from each of the three lower classes to consult with the management of the Musical Clubs to see about arranging a closer connection between the clubs and the committee. An arrangement somewhat like the present TECH or Tech Show Advisory Council, but without the Alumni advisors, was suggested.

There will be a special meeting of the Institute Committee on next Friday, at 4.15 o'clock. The following men were absent: E. B. Germain, '13; C. T. Guething, '16; T. L. Chase, '14; J. J. Strachan, '13; J. G. Russell, '13; L. S. Walsh, '13; P. D. Horgan, '12; J. P. Constable, '13; E. M. Tolman, '13.

ELECTRICAL SOCIETY.

Prof. Jackson to Give Dinner—Mr. Gano Dunn to Speak.

Professor Jackson of the Electrical Engineering Department will give his annual dinner to the members of the Electrical Engineering Society next Thursday, at 6.30 P. M. At this meeting the results of the election for society officers for next year will be announced.

The speaker of the evening will be Mr. Gano Dunn, who is a past president of the American Institute of Electrical Engineers. President Weiss of the society wishes all members to be present to show their appreciation of Professor Jackson's kindness in giving the dinner, and to listen to the message which Mr. Dunn has to give them.

TECHNOLOGY TRACK TEAM DEFEATS B. A. A.

Latter Wins Greater Number of Firsts But Tech Gets More Points.

Yesterday a dual meet was held by B. A. A. and Technology. If the score is counted by firsts, as was the case last year, the B. A. A. won by 7 to 6, but according to the usual method of scoring in dual meets, Technology won by the handy margin of 75 to 51. The Tech team cleaned up four events: the discus, pole vault, hammer and quarter. The races were all interesting and close enough to hold the spectators from start to finish.

The meet started with the hundred and Hiney of the B. A. A. defeated Adams by a few inches by throwing himself at the tape. Connor of the B. A. A. was a close third. The time was 10.2-5.

The half came next, and this event was of especial attraction, as Marceau, a former Tech star, was running for the B. A. A., and was pitted against his former teammates, Germain and Bylund. The race started with a snap, Bylund and Marceau fighting it out for a good part of the quarter. The pace, however, proved too hot for Bylund and he dropped back, leaving Germain to take up the challenge. For a short time it looked as if the result was in doubt, but Marceau picked up and opened a lead of several yards on Germain, which the latter cut down on the last hundred yards, so that they were quite close as Marceau crossed the tape in 1.59 C. T. Guething in the meanwhile had passed Bylund and finished third.

In the four-forty the B. A. A. entered but one man, G. A. Sullivan, and he was unable to score. T. H. Guething came to the fore at the end of the first hundred and was not headed, coming in the winner by a good distance, with Reed and Bolton second and third, respectively.

The mile, which came next, proved to be a struggle between Benson and Palmer of Tech, with Powers of the B. A. A. Benson took the lead at the

(Continued to Page 2, Col. 2.)

FRESHMAN BASEBALL.

Team to Play the Powder Point School This Afternoon.

The Freshman baseball team will meet the Powder Point School team at Duxbury this afternoon on the latter's grounds. The Freshmen have been out practicing regularly and should be able to give the Duxbury boys a very good game. The 1916 lineup for the game is: Lovejoy, p.; Murphy (captain) c.; Ross, 1b.; Petit, 2b.; DeMerritt, 3b.; Tapley, ss.; Smart, lf.; Burkhardt, cf.; Foote, rf.

Captain Murphy wants all men to report at the Union at 12.30 sharp, as the train leaves the South Station at 1 o'clock.

L GYM LOCKER KEYS.

It has been officially announced by the men in charge of the Gym that all locker keys must be returned to the janitor before the second Saturday of June. All goods must be removed from the lockers and a receipt obtained for the key in order to receive the deposit required at the beginning of the year.

CREWS DEVELOPING INTO FINE FORM

Freshman Eight-Oar Squad Is Showing Considerable Improvement.

Crew practice has been progressing during the last few days and some of the squads are getting into fine shape. Yesterday four trips were made, one by each of the crews.

The Freshman eight-oar squad made a fairly long trip up the river and back in very good time. The following made up the boat: Lucas, coxswain; Berkowitz, stroke; McRae, 7; Pousquet, 6; Jewett, 5; Tyler, 3; Stockton, 2; Wellington, bow. Mumford, '15, filled in at 4.

The eight-oar squad is training for several races which are still being arranged. One of these will probably be held within the next few weeks, the other during the first part of July.

The Inter-class race is to be held Friday afternoon, May 16, at 5 o'clock, over the intercollegiate course, which starts at the Cottage Farm Bridge and finishes at the Union Boat Club House. Five shells are to be entered in this race, of which three are practically made up now. The other two will be made up from either the Freshman or Sophomore squads.

The Freshman four-oar crew showed up very well, as the men have been working together most of the season and are rapidly developing a very smooth stroke. Yesterday the following men rowed: Lucas, coxswain; Berkowitz, stroke; McRae, 3; Pousquet, 2, and Wellington, bow.

The Sophomores have not showed up very promisingly as yet, chiefly because of lack of consistent work and insufficient material from which to choose. Yesterday only enough men reported to make up the boat. They were: Anderson, coxswain; Mumford, stroke; Sifton, 3; Kleinert, 2, and Lamson, bow. Purser Sifton, who is acting as captain, urges more 1915 men to come out.

The 1914 four-oar crew is coming around in fine shape and should give the other boats a mighty good pull if they are to finish with it. Yesterday it had a snappy workout on the river and showed considerable speed. The positions were: Karns, coxswain; Sweet, stroke; Affel, 3; Calver, 2, and Geer, bow.

BOWLING LEAGUE.

Lord Salisburys Defeat Pall Malls In Exciting Match.

The Lord Salisbury bowling team defeated the Pall Mall team last night by 127 points, thereby winning four points in the team average. The match was very exciting and abounded in spares with not a few strikes. Lovely and Bunker of the Lord Salisbury team were the chief stars of the evening and rolled some fine strings.

The averages have not been made out as yet, but last night's bowling promises to make a few changes in the total which will prove encouraging to the supporters of the Lord Salisburys.

Holy Cross defeated Tufts at tennis in both the singles and doubles.

The schedule of examinations of the University of Texas for the present term has seventy on the last day.

TALK ON "INDIVIDUAL ELECTRICAL DRIVING"

Mr. F. B. Perry, '98, Speaker at Last Lecture Before M. E. Society.

The Mechanical Engineering Society had its final talk of the year yesterday afternoon in Room 11, Engineering B, at 4 o'clock. Mr. F. B. Perry, Technology, '98, who is with the General Electric Company in the Mill Power Department, spoke on "Individual Electrical Driving," as applied to cotton and silk mills. The talk was illustrated with many photographs taken in various mills all over the country, showing the method of installation of individual motors and the various methods of connection.

Mr. Perry first gave a few statistics concerning the change in the horsepower of motors which has taken place in the last few years. In 1903 the average horse-power of motors put out by the General Electric Company was 61. Today it is 21. This shows that the tendency is toward individual driving. Gear connections are more efficient for motor drive than belt connections, but cannot be used on machines subject to sudden starting or stopping. Also, the speed can be altered to better advantage when belt connections are used. Two hundred and twenty-volt motors are used mostly for individual driving, since they have been found to be more efficient than the 550-volt motors. They are also much safer to operate and do not require as much insulation. It is also an important factor that smaller motors have a much higher average speed. Although larger motors are cheaper than smaller motors, manufacturers are beginning to realize that the ultimate, and not the initial cost, has to be considered.

When Mr. Perry had concluded his talk he offered to explain anything

(Continued to Page 2, Col. 2.)

GOLF CLUB TO MEET.

Links Problem to Be Discussed and Officers Elected.

At 1 o'clock, next Tuesday, there will be an important meeting of the Golf Club in 21 Rogers. The officers for next year will be elected, and the golf course problem discussed. President Howlett of the club hopes that all men of the three lower classes who have any interest in the continuance of the club at the Institute will try to attend. The officers feel that this meeting will largely determine the fate of the sport next year.

WEATHER.

Forecast for Boston and vicinity: Saturday fair and cooler; moderate westerly to northerly winds.

CALENDAR.

Saturday, May 10, 1913.
12.30—Baseball, 1915 vs. Lawrence Academy, Groton—Meet in Union.
12.39—Baseball, 1916 vs. Powder Point School, Duxbury—Meet in Union.
2.00—1916 and 1915 Four-Oar Crew Practice—B. A. A. Boathouse.
3.00—1914 Four-Oar Crew Practice—B. A. A. Boathouse.
4.00—1916 Eight-Oar Crew Practice—B. A. A. Boathouse.

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SATURDAY, MAY 10, 1913

Beginning next week THE TECH will be published but tri-weekly for the remainder of the year, Mondays, Wednesdays and Fridays being the days of its appearance. The increased work in preparation for the coming examinations has caused us to make this change. Many of the students who are working on the paper, more or less at the expense of their studies, deserve a "let-up" at this time, that they may have a little extra opportunity for study before the finals.

We trust that our readers will understand the situation and be charitable in their criticism when the Tuesday, Thursday and Saturday breakfast tables are devoid of TECHS.

One of our sages once made the remark that procrastination was the thief of time, and many Tech students feel capable of adding the weight of experience to this truth. It is a fact that if a man puts a thing off until some future date he generally has something else to do at that date, and as a result lets the original thing he set out to do slide into oblivion. Some things cannot be left to slide in this fashion, and if they are not completed during the time originally set for them the ultimate results are unsatisfactory to say the least.

Procrastination would not be so bad were it not for the fact that the time left vacant by the postponing of some duty is usually employed in some useless occupation or is deliberately wasted. A student is often prone to put off his lessons until the period before the class in order that he may snatch a few moments of unnecessary sleep. This is the main cause of F's and FF's in the Institute. If a man will consent to do his work at the time which he originally sets for doing it he will find that he will learn more, the work will be easier, and both he and those interested in him, including the Faculty, will be happier.

Interclass boat races are a welcome innovation.

Only another week before the Worcester meet.

SOPHOMORES TO MEET LAWRENCE ACADEMY

Team Has Been Showing Up Fine in Practice For Game at Groton Today.

The Sophomore baseball team will meet the Lawrence Academy team at Groton this afternoon. The Sophs have had two good afternoons of hard practice this week and are ready to wipe out the stigma of last Saturday's defeat at the hands of Tuft's Dental nine. The men have shown considerable improvement recently, and with the assistance of several new men who are showing up in fine shape they are determined to bring back the scalps of the prep school lads.

Both the Lawrence Academy and the 1915 nine have played the Allen School, and have beaten them by about the same score. By this comparison it would seem that the two teams are about evenly matched. Everything indicates a close and interesting game.

The Sophomore lineup is as follows: Stevenson and Hall, c.; Parsons and Pike, p.; Bauer, 1b.; Place, 2b.; Caffrey, ss.; Franks, 3b.; Morse, lf.; Spencer, cf.; Thomas, rf., and Murphy, general utility man. Manager Thomas wishes the men to be at the Union promptly at 12.30. The team is to leave the North Station on the 1 o'clock train for Ayer, and any man failing to meet the team at the Union should be on this train.

M. E. SOCIETY MEETING.

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that he had not made clear, or to discuss any points that might come up. Everyone present enjoyed the talk very much, since there was much valuable information that could be used to good advantage by any engineer.

B. A. A.-TECH MEET.

(Continued from Page 1, Col. 2.)

start and opened a considerable lead on the others, which he slowly lost in the third lap. At the end of the third both Palmer and Powers passed him, with Palmer in the lead. At the beginning of the last lap Powers started to pass Palmer, and succeeded in passing him after about a hundred yards, but the last two-twenty found both men increasing their pace, and the finish was close and fast, with Palmer but a few inches ahead. Benson finished third.

The two-twenty saw Wilson of Tech beat Tom Halpin, of Boston American fame, in the last twenty yards. Wilkins got third. The time was good, 22 4-5.

In the two-mile the B. A. A. had entered four men, Oscar Hedlund, Hennigan, Silva and Sullivan. For Tech the reliance was placed on Cook and Wall. Cook went to the front at the start and stayed there for the greater part of the mile, when Hedlund started to work and opened an ever-increasing lead on the others. Wall then came up, and passing Hennigan, led him the rest of the way. The time was considerably faster than usually seen on our track, Hedlund being clocked in 9.51 3-5. Wall ran a very good race, showing a consistent improvement and finishing in the best time done by a Tech man this season.

Both the hurdles were won by High of the B. A. A. in very fast time. In the 120-yard hurdles Curtis lost out by a very small space, both men coming across the last hurdle practically at the same time. In the low Huff ran a good race but lost by a few yards. Huff finished third in the high and Curtis third in the low. The low was run in 26, and the high in 16 1-5.

In the field events McLeod starred by capturing two firsts, a second and a third. The shot-put resulted in first and second places for the B. A. A. Connor was first with 38 feet 10 1-4

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**STUDENTS VISIT
MODERN LAUNDRY**

**Several Men Examine Latest
Methods of Machine
Laundry.**

Several of the students had an opportunity recently to visit a modern laundering establishment and were very much impressed by the improved methods for performing this work. The keynote to this place seemed to be to afford a maximum wear to all articles by eliminating all extra rubbing which is characteristic of the old-fashioned methods employing the washboard and the fabric-destroying flat iron.

When the goods are received by the laundry they are placed in the washing machines, which consist of wooden cylinders, something over three feet in diameter and about six feet long. The walls of these cylinders are perforated with half-inch holes, and the whole affair revolves in a trough partly filled with soapy water. The cylinders revolve slowly four times in one direction and then reverse their motion. This process continues for about an hour with frequent changings of wash water. After they are carefully and completely washed the goods are placed in a machine called an extractor. This is a cylindrical drum with perforated walls which revolves at a high speed, causing the goods to be thrown against the sides of the drum by centrifugal force and the water to be extracted through the perforations so that the articles soon are left but slightly damp and in a proper condition for ironing.

The large "flat iron" is then passed between padded steam-heated rollers and pressed, rather than rubbed, smooth. All other work, shirts, col-
(Continued to Page 4, Col. 2.)

**TECHNOLOGY GRADUATE
HONORED AT REUNION**

**Alumni of Teachers' School Pay
Tribute to G. H. Barton,
M. I. T. '80.**

Prof. George H. Barton, M. I. T. '80, the Director of the Teachers' School of Science, was honored by graduates of the school at a reunion held at the Hotel Brunswick last evening. The occasion of the reunion was the celebration of the twenty-fifth year of Prof. Barton's service as director. About two hundred graduates were present, and the program consisted mainly of speeches by President Maclaurin, Dean Burton and other prominent men.

The Teachers' School is largely devoted to the interests of geology and botany. In his speech Doctor Maclaurin told how Technology and the Teachers' School had grown up together within the same quadrangle, how close they were in interests, and how in the beginning the same group of men, including Cummings of Lowell, were interested equally in the two institutions. Speaking about Prof. Barton, the President said: "He is a Technology product of whom his Alma Mater and the community may well feel proud. He has done a great work quietly and unostentatiously, and has gained thereby the respect of all interested in the work of the school."

Dean Burton spoke of the successful methods of teaching employed by Prof. Barton. He said: "He works in the open, taking Nature herself for the text book, and making of geology a living, vital question to the student. It is upon this principle that the school has attained its great usefulness in geology as well as in botany and zoology."

The sensation of the evening was
(Continued on Page 4.)

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TRIP TO LAUNDRY.
 (Continued from Page 3, Col. 1.)

lars, etc., is completely dried in steam-heated closets before ironing. Starched goods are then passed through a machine which applies a proper amount of starch to them.

All starched goods are ironed without the use of the flat iron and the old friction method. The collars are run between cloth-padded, steam-heated rollers, which iron them perfectly without wear and tear. The bosoms of shirts are ironed by an ingenious machine which merely presses them between properly shaped heated pneumatic cushions. A similar machine also irons the non-detachable cuffs, while the unstarched portions of the shirts are ironed with flat irons. Here, however, no harmful friction is applied.

The method of folding the collars is interesting. Instead of being bent over by shear force with a considerable tendency for cracking, they are run through a curious machine which slightly moistens the line of fold and enables the turning to be easily performed by hand. If the collar is an old one, with its edge cracked, the rough edge is treated in a special polishing machine which greatly improves its condition and often makes an old collar still wearable.

Each piece of work, on completion, is carefully inspected, and if found in anyway imperfect it is re laundered, unless it is on the "one day" list, which makes such a procedure impossible. The goods are then sent to the delivery department, where they are sorted by means of their identification numbers and then delivered to the customers.

All the various machines and processes were fully explained by the proprietor, and the visit showed the students how an application of proper machinery can often greatly lessen the wear on goods and thus help to lower the "high cost of living."

B. A. A.-TECH MEET.
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Farrell was second and McLeod third. Barwise of the B. A. A. easily won the high jump with a leap of 5 feet 9 inches. Hall of Tech got second, and Ober third. McLeod won the discus with two throws of 108 feet. McNeil got second and Beach third. McLeod also took the hammer with a toss of 99.2 feet. Conway got second and Porter third. Hiney of the B. A. A. won the broad with a jump of 21 feet 1/2 inch. McLeod got second and Alt a close third. Laurason was back in the pole vault and won with a vault of 10 feet 6 inches. Mangan and Friebus tied for second.

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 a surprise gift, presented to Prof. Barton by Dean Ropes of the Teachers' School on behalf of the alumni of the school. This tribute consisted of a gold watch with a chain and charm and a purse of gold pieces.

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Faculty Notices, free.
 Activities, 4c. per line.
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