THR TROH

VOL. XXXIV. NO. 48.

BOSTON, MASS., MONDAY, OCTOBERA 19, 1914.

PRICE THREE CENTS

TECHNOLOGY GRAND OPERA NIGHT

Director of Opera Company To Be at Big Conclave Today.

There will be a conclave at Huntington Hall today at 1.30 in order that more information may be given out about the Technology Grand Opera Night at the Boston Theatre next Friday evening. The Musical

(Continued on Page Three)

HARE AND HOUND RUN

Candidates Expected To Practice Wednesday.

All cross country men and members of the Hare and Hound Club are expected to take part in a practice run to be held next Wednesday afternoon over the regular Tech course. 'the train will leave Back Bay at 4.30 and the round trip fare will be twenty-five cents. A trail will be laid over the course, which begins at Highland, West Roxbury, and ends at the old Tech Field. The distance is about 4 1-2 miles.

All candidates are expected to be present. Last Saturday's race gave the men an idea of where they stand in the competition for membership on the cross country team, and for most of them constant practice will be necessary. The captain and managers hope to have a large number run. If there are any men who have not yet joined the Hare and Hound Club, they may procure membership by paying 50 cents to the chase captain.

SWIMMING TEAM

Every Tech man interested in swimming is requested to meet W. L. Graves, in room A in the Union, at four o'clock today. A swimming team is to be organized and temporary officers, captain, manager and assistant manager will be elected. Arrangements will be made to meet the teams of the nearby schools. A decided effort will be made to revive the old-time popularity of this sport and, if the team is victorious in a reasonably fair amount of the meets. an attempt will be made to gain admittance to the M. I. T. A. A.

MEET WITH HARVARD

The track meet with Harvard. ипоицееи inrougn error for Nov. 24, takes place next Saturday at the Field. Capt. Cook of the Track Team wants every man with any track experience whatever to come out and train for this meet, Men for sprints and field events are especially desired. Practice will be held every day.

FRESHMEN WIN THEIR FIRST FOOTBALL GAME

First Year Men Defeat Concord High School By Close Score.

The Freshman football team defeated the Concord High School team Saturday at Concord, by a score of 6-3. All the scoring was made in goals from the field. O'Malley, '18, left halfback, made the first goal on a pretty placement kick, during the first half of the game. Two other goals were made during the second half, O'Malley scoring for the freshman and Capt. Olsen kicking a goal for Concord. Clarkson made a long run through the entire Concord team but the officials claimed that he ran out of bounds so the score was not allowed. The line-up:

M. I. T. '18. Concord H. S. Howe (Johnson, Porter), le,

re, Mulcahy Ahr. It rt, Hewitt Nangle (Harris), lg rg, Fuller c, Clark Mead (Hall, Harris), c Musolen (Cutts, Wells), rg 1g, Giles Wiley, rt Hall (Kaler), re le, Furber (Thomas) Clarkson, qb qb, Haymar rhb, Walcott O'Malley (Watt), lhb, Johnson, rhb lhb, Hayes Barrett, fb fb, Olsen

Score-M. I. T., '18, 6; Concord, 3. Goals from field-O'Malley 2, Olsen. Umpire - Martin. Referee - Wood. Linesman-Woodworth. Timer-Wood worth. Time-four 9 minute halves.

FIRST M. E. SMOKER

Professor Fay To Be Speaker Of Evening.

The Mechanical Engineering Society will hold its first smoker of the year on Thursday evening, October

Professor Henry Fay of the Chemistry department and also of Fay. Spofford and Thorndike, consulting engineers, will talk on the Quequechan River improvements at Fall River. The industrial future of the city depends in a large measure on the success of this undertaking.

NOTICE

Manager Abrams, of the Musical Clubs, wishes to announce that a man who has had some experience department. Any member of the to do the work should apply at the is no need of anyone staying away. of the Musical o'elock today.

Will the man who got the nickels from the Union phone bring back the machine?

News men on THE TECH. Lower Office. 1.30 today.

PROF. SWAIN SPEAKS TO CIVIL SOCIETY

Number Turn Out For First Smoker Of The Year.

About 125 men turned out Friday evening for the first smoker of the Civil Engineering Society. Sixtyeight new men, mostly from the summer camp, were voted into the society. A new pin of the same design as the old one, but of two-thirds its size, was adopted. The treasurer's report showed a balance of \$160. President Thomas announced that the interchange of courtesies between the C. E. Society and the E. E. Society in regard to trips and smokers would be continued this year.

Professor Spofford introduced Pro fessor Swain of Harvard and formerly at the head of course I here at the Institute. He urged all men eligible to the society to join at once, in order to take advantage of the trips and meetings of the year.

After expressing his pleasure at lt, Williams being again at Technology, Professor Swain gave a most interesting talk on the Technology-Harvard Alliance as viewed from the Harvard standpoint. The Harvard aims and ideals are really the same as ours at Technology. Both institutions believe that their graduates should be men of wide culture, able to associate on equal terms with men of any profession. The graduates of both institutions have done much to raise the dignity of the engineer who 25 years ago was regarded merely as a mechanic. The high grade engineering student needs to take as many cultural subjects as possible. Harvard believes in giving first the cultural and then the technical subjects

(Continued on Page Four)

TECH NIGHT TICKETS

The committee in charge of ar rangements for the annual celebration of Tech Night has completed all details with the theatre management. All that remains is the disposal of tickets. Every day from one until two, beginning tohorrow and continuing for a week, a table will be open for this purpose in Rogers. It is the desire of the committee that every one make a special effort to procure in publicity work is wanted in that their tickets at the table and as soon as possible. As there are plenty of clubs who feels that he is competent seats at a wide range of prices, there

T. C. A. TALK

On Thursday noon, in the Union, Mr. George W. Nasmyth, the head of the University Department of World Peace, will speak on "The Contribution to World Peace of the Great War."

SECOND AND FOURTH YEAR NOMINATIONS

ative Lists Out—Junior Nominations Not Yet Tentative Available.

Nominations for the Senior and Sophomore classes have been received, and are given below. These lists have still to be certified by the respective treasurers. Any corrections for either class should be left at the Cage before six o'clock today, 1915 corrections addressed to D. M. Hughes, and 1917 corrections to G. R. Stevens.

The Junior nominations are not yet available for publication. The others are as follows:

1915.

For President: M. B. Dalton, G. A. Palmer, George Urquhart.

For Vice-President: T. A. D. Fessenden, C. W. Howlett, C. G. Norton. For Secretary: C. W. Fry, W. B. Holway, Mary Plummer, W. B. Spencer.

For Treasurer: J. M. Livermore, E. E. Place, H. P. Sabin.

For Institute Committee: D. B. Baker, F. C. Foote, C. L. Hall, G. B. Hilban, K. T. King, H. L. Leeb, F. P. Scully.

For Executive Committee: N. L. Foster, C. W. Lacey, T. F. Spear, J. H. Tobey, h. D. Waterman.

M. I. T. A. A.: L. E. Best, T. H. Huff, C. L. Mouse, R. F. Pollard.

For President: Walter Harrington, Paul C. Leonard. For Vice-President: F. v DuPont,

A. P. Farnsworth, A. E. Moody For Secretary: R. F. F. Brooks, A. E. Dowell, D. O. Friend, E. C. Mat-

thews, R. T. Whitney. For Treasurer: D. E. Bell, F. P. Bill, B. Dodge, H. L. Wood.

For Institute Committee: E. P. Brooks, S. C. Dunning, P. L. Hunt, L. I. Noyes, W. W. Rausch, N. E. Tourtellotte.

For M. I. T. A. A.; F. Bernard, M. C. Brock, A. T. Canby, K. H. Day, H. B. Gardner, A. C. Litchfield, J. H. Stagg, W. W. Rausch, W. C. Wood.

Executive Committee: L. E, Wyman, A. K. Althouse, C. S. Rood, W. A. Wood, L. E. Wyman.

CALENDAR

Monday, Oct. 19, 1914. 1.30-Conclave. Huntington Hall. 1.30-News Men Meet. Lower Office. 4.00-Swimming Team. Union. Glee Club Rehearsal.

Tuesday, Oct. 20, 1914. 4.30--Mandolin Club. Union,

Wednesday, Oct. 21, 1914.

4.00-Freshman Wrestling. Gym. 4.30-Hare and Hound Club Meet. Back Bay Station.

5.00-Glee Club. Union.

THE TECH

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MONDAY, OCTOBER 19, 1914

IN CHARGE OF THIS ISSUE. Editor: J. M. DeBell, '17.

Associates: A. P. Sullivan, '17; N. E. Tourtellotte, '17; G. L. Hall, '18; A. N. Pray, '18.

FIRST EDIT

The engineer who hopes to deal successfully with human problems, particularly those connected with labor, will do well to take to heart the substance of the talk by Mr. Towson which is reported in this issue. It is an unquestionable fact that the only successful industrial managers are those who possess sympathetic understanding of the men they have to deal with. Whether he obtains this understanding by Y. M. C. A. work or in some other way, it remains true that if a man would not be left behind in the progress of this nation, he must align himself, in precept and practice, with its fundamental principle, the ever-advancing idea of the Brotherhood of Man.

We wish to express the deep regret of the student body at the recent death of one of our number, Elpidio de Aguiar Maya. He was a student in the Electrical Engineering Department and entered the Institute in September, 1913, after preparing at Dean Academy, Franklin, Mass.

Elpidio Maya came to the United States with his brother Mario from San Paulo, Brazil, in 1912. He had spent a year in the College of Law in San Paulo before coming here. Both men had great ability and made excellent records at the Institute.

Mr. Maya was taken ill in June and was at a hospital in Brookline during the summer. He died September 28, 1914.

NEWS MEN.

There will be a meeting of all News Men on THE TECH in the lower office at one-thirty today. All men are required to come out or leave a written explanation of their absence.

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PORTRAITS AND GROUPS

AT CROSS COUNTRY

Graff Wins Two First Prizes At Annual Handicap Run Saturday.

EXCELLENT SHOWING

M. G. Graff, '16, won first prize in Annual Tech handicap cross-country run last Saturday, making excellent time, considering the bad conditions under foot. R. G. Brown, '16, crossed the line a few seconds behind him, and A. C. Litchfield, '17, followed a close third. F. L. Cook, '15, the only scratch man, made the fourth best time. The best actual time was also made by Graff. Cups will be awarded to Graff, Brown and Litchfield, first prize going to Graff and first and second prizes to Brown and Litchfield respectively, as the winner cannot take two cups. The time for the course was just 18 seconds slower than the record-41 minutes, 38 seconds-established in 1912 by A. F. Nye, '15. Captain Cook's time was only three-fifths of a second slower than Brown's.

Twenty-eight runners competed in the race, compared to seven of last year, and all of them finished. The handicaps varied from 1 min., 45 secs., to 8 min., according to the experience and showings of the men. Some of those with large handicaps were easily overtaken by those who started later.

The runners were accommodated at the Wakefield Y. M. C. A. Just before the race Coach Kanaly gave a short talk, encouraging the new men by references to Litchfield and others who made good on the team, and urging them to bring out more candidates. He said that this race would show just where the men stood, and how much work would have to put in to make the

Some of the Freshmen made good showings, especially Bradley, who finished fourth. Much is to be expected of the cross country team this year, and the results of the race are ery promising.

The following is a list of the first twelve men, their handicaps and times:

| Elapsed | | | Actual |
|------------------|-------|----------|-----------------|
| | Time | Penalty | \mathbf{Time} |
| Graff, '16 | 47:41 | 5:45 | 41:56 |
| Brown, '16 | 49:21 | 6:15 | 43:06 |
| Litchfield, '17. | 49:35 | 6:00 | 43:35 |
| Bradley, '18 | 49:38 | 4:45 | 44:53 |
| Dodge, '17 | 49:39 | 5:15 | 44:24 |
| Harrington, '17 | 49:45 | 6:00 | 43:45 |
| Nye, '15 | 49:50 | 5:45 | 44:05 |
| Parker, '17 | 50:20 | 5:00 | 45:20 |
| Wilkins, '15 | 50:25 | 5:30 | 44:55 |
| McVickar, '18 | 50:26 | 4:00 | 46:26 |
| Wall, '16 | 50:48 | 5:30 | 45:18 |
| Cook '15 can | 51:06 | 3-5 8:00 | 42:06.3 |

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THE HUMAN SIDE OF ENGINEERING

Mr. C. R. Towson Offers General Solution For Industrial Problems.

Friday at 1.30 in the Union, Mr. Charles R. Towson of New York gave the first T. C. A. talk of the year, speaking on the subject, "The Human Side of the Engineering Profession." Mr. Towson is the secretary of the Industrial Department of the National Y. M. C. A., and has made a careful study of labor problems.

In beginning his talk, he mentioned the demands that capital and labor make on each other. The fact that capital must have efficiency from the laboring classes is generally known. The demands of labor, however, are not as apparent as they would at first seem. Many people, including engineers, believe that workmen strike for "bigger wages and shorter hours"; while actually, even though they do not perhaps realize it, the men want fraternity. Mr. Towson affirmed that the man who sees nothing deeper than wages and hours should not and seldom does, occupy a controll ing position in the industries.

The purpose of the Y. M. C. A. is to bring about the contact which will give each class an understanding of the other. It realizes that spiritual force, "heart power," is necessary for fraternity; and it has discovered that young engineers gain a valuable professional asset when they engage in the Y. M. C. A. work, and meet the men they will some day superintend. A mutually beneficial result is thus obtained.

Mr. Towson then mentioned some of the great companies that are offering educational opportunities for their men, in order to bring about

Richmond, 540

GRAND OPERA NIGHT (Continued from Page One)

Clubs have been fortunate enough to secure for the conclave, the director of the opera company. He will describe "Un Ballo in Maschero" (The Masked Ball), which is the opera to be given Friday evening. With him there will be two grand opera stars who will render real opera music.

While the occasion Friday evening will be known as "Technology Opera Night," and a large number of the faculty, alumni and students of Technology will be present with their friends, tickets have also been placed on sale at Simmons and Emerson colleges and at the New England Conservatory of Music, so that these institutions will be represented.

Tickets have been and are now on sale all day at the Cage, and also in Rogers from 9 a. m, to 4 p, m, every day. The tickets are to be sold at a discount at the above mentioned places only: \$2.50 reserved seats for \$2 and \$2 seats for \$1.50.

The Musical Clubs have taken this opportunity to give Tech men a chance to hear first class opera at the lowest possible prices. At the same time a portion of the proceeds will be used to defray their expenses for the coming season.

this correct mental attitude. Among them are the Ford Company, the U. S. Steel Corporation, the International Harvester Company, and many oth-These believe that the great industrial problems, even the problems, must be solved by the men themselves; so they pay for the instruction of the young men, particularly foreigners, in order that this education may not be of the ward politician and saloon type. The best (Continued on Page Four)

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CIVILS MEET

(Continued from Page One) while Technology believes in giving them both together.

After the meeting adjourned a social time was had with songs, cider and cigars.

Those men intending to take the trips to the Custom House, Watertown Arsenal, Dorchester Sewage Station, Scollay Square subway extension and other trips to be announced later should hand their names to the secretary.

argument for the system is that it is bringing results.

THE HUMAN SIDE

(Continued from Page Three) In conclusion, the speaker asked Tech men to seriously consider giving an hour or two a week to this great work.

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