

## SENIORS HOLD ELECTIONS FOR 1917 CLASS DAY COMMITTEE

**E. P. Brooks Chosen For First Marshal, P. N. Cristal  
and F. V. du Pont to Act as Second  
and Third Marshalls**

### SMALL BALLOT CAST

As a result of the balloting for the men to compose the 1917 Class Day Committee, E. P. Brooks was elected First Marshal, and P. N. Cristal and F. V. du Pont second and third marshalls, respectively. The committee of twenty-five will take entire charge of the Senior Class Day celebration, which is the big event during Senior Week. The following are the men elected in the order of voting, together with their undergraduate activities:

**FIRST MARSHAL**  
1. EDWARD PENNELL BROOKS  
Course XV; Delta Upsilon; Osiris; Beaver; Walker Club; C. E. Society; Corporation XV, board of directors; Musical Clubs (1) (2); Technique Electoral Committee (2); Business Manager Summer Camp Show (2); Temporary Treasurer Class of 1919 (3); President Class of 1917 (3); Institute Committee (3) (4); Vice-President (3); Executive Committee (3) (4); Chair-Junior Prom Committee (3); Chairman Student Advisors (4); Member Undergraduate Reunion Committee and Chairman of Committee on Arrangements (3); President of Republican Club (4).—69 votes.

**SECOND MARSHAL**  
2. PHILIP NAHM CRISTAL  
Course I; Phi Kappa Sigma; Beaver; Cosmopolitan; C. E. Society; Walker Club President (4); Vice-President Class of 1917 (3); Chorus Tech Show (1) (2), Cast (4); News Staff The Tech (1); Musical Clubs (1) (2) (4); Technique Electoral Committee (2); Faculty Editor Technique (3); Vice-President Interfraternity Conference (3); President Interfraternity (1st term 4).—64 votes.

**THIRD MARSHAL**  
3. FRANCIS VICTOR DUPONT  
Course IX; Chi Phi; Osiris; Walker Club; Manager Freshman Track Team; Assistant Manager Track Team (2); Technique Electoral Committee (2); Class Executive Committee (3); Interfraternity Conference Executive Committee (4); Advisory Council on Athletics (4).—49 votes.

4. LEON LEMPERT McGRADY  
Course XV; Sigma Chi; Osiris; Walker Club; Catholic Club; Chauncey Hall Club, Secretary-Treasurer (3); Chemical Society (2) (3) (4); Corporation XV (3) (4); Assistant Business Manager Tech Show (1); Technique Electoral Committee (2); Treasurer Technique (3); Finance Committee (3); Treasurer Interfraternity Conference (3); Treasurer Institute Committee (4); Budget Committee, Chairman (4).—48 votes.

5. ROBERT NEIL GAY  
Course XV; Delta Kappa Epsilon; Theta Tau; Chairman Executive Committee of Vectors (3); President E. E. Society (3); Junior Prom Committee (3); Class Baseball Team (2); Swimming Team (1) (2) (3) (4); Institute Committee (3); Captain Swimming Team (3); in charge "Fraternity Forums" (3).—47 votes.

6. DUDLEY EDWARDS BELL  
Course XV; Sigma Alpha Epsilon; Osiris; Beaver Club; Pi Delta Epsilon; Class Football (1) (2); Class Track Team (1) (2); Class Baseball (1) (2), Captain (1); Institute Committee (1); Tech Show (1) (2); Associate Editor The Tech (1), Sporting Editor (2) (3); Treasurer M. I. T. A. A. (3); Class Treasurer (2); Blanket Tax Committee (3); Undergraduate Reunion Committee (3); Finance Committee (2) (3); Manager of Summer Camp Baseball (2); Treasurer, Summer Camp Minstrel Show (2); Musical Clubs (3); President, Corporation XV (3) (4); C. E. Society (2) (3) (4); Chemical Society (3); Electoral Committee (2); Election Committee (3).—44 votes.

(Continued on page 3)

### CATHOLIC CLUB MEETING

Deputy Chief John O. Taber, of Boston, will deliver his illustrated lecture on "Fire Fighting in Big Cities" before members and guests of the Catholic Club on Wednesday evening of this week. Chief Taber is well known for his work in reducing fire hazard, and many of the slides which he will show in the course of his talk will serve to illustrate the cause and affect of conflagrations and preventative methods. The art of subduing big fires and the dangers incurred will be explained from the point of view of the chief, who knows the art and has had a share of the dangers.

The lecture will be given in Room 4-270 at 7.30 o'clock, and a supper will be served in a reserved section of the Caf for those who wish to remain at the Institute. Supper tickets can be obtained at the regular price, but there will be no admission charge made for the lecture. If time permits a short business meeting will follow the supper at 7.15 o'clock; the meeting will be transferred to 4-270.

## CHEMICAL SOCIETY

**Professors Moore and Spear Lecture at Meeting Last Friday**

Last Friday night the members of the Civil Engineering Society heard a talk by Mr. E. J. Mehren, Vice-President of the McGraw-Hill Publishing Co. and Editor of the Engineering Record. Mr. Mehren, who came from New York for the purpose of giving this talk, spoke on the mission of the technical journal and the opportunities which it offered. Speaking of the mission of the engineering journal, Mr. Mehren said that if it sought merely to give facts and data on engineering work, it was a failure; and that its principal object should be to interpret the worth of recent accomplishments in science, and to stimulate original thought among technical men. He added that the reading of a good technical journal was absolutely necessary to the modern engineer to keep him informed of the progress of his profession.

Speaking of the opportunities offered by the field of technical journalism, the speaker cited several instances of engineers who had at first attracted attention to themselves by the writing of an unusual article in an engineering paper, and had thus begun their rise to prominence. Mr. Mehren laid particular stress on the necessity of limiting the scope of an article to a particular phase of a subject rather than attempting to cover an entire field; and advised contributors to write several articles each on a different part of a job instead of one long one covering the whole subject.

A talk was also given by A. S. Niles '17 on the Baltimore and Potomac tunnel of the Pennsylvania Railroad, a piece of work on which the speaker was employed during last summer.

At the business meeting held at the beginning of the evening, John Babbit '17 reported for the committee on plans to form an inter-society conference which should run a baseball league in the Spring as well as arrange trips which would be of interest to men of all the societies. The society voted in favor of the organization of such a conference. The President stated that while 60 per cent of the eligible Seniors and 63 per cent of the Juniors were members of the society, only 14 per cent of the Sophomores had joined; and

(Continued on page 3)

### NUMBER OF TECHNIQUE SIGN-UPS BREAKS RECORDS

Over Twelve Hundred Sold — Juniors Lead in Numbers — Waiting List Open

Breaking all previous records, the Technique sign-up campaign closed last Wednesday night at 6 o'clock, with a total of 1254 pledges, two hundred more than last year. At the final count the Juniors held first place with a total of 379, closely followed by the Seniors with 337, the Sophomore and freshman sign-ups numbering 247 and 238 respectively. The Faculty and Alumni also contributed, and between the two, 53 more sign-ups were obtained.

From now on, no more sign-ups will be taken, but the management has arranged for all those wishing to obtain a copy to place their names on a waiting list. In case any sign-ups should not be redeemed, these men will be given preference in the sale of any unredeemed books. The Technique Board, however, cannot guarantee books to any men whose names are on the list, on account of the limited edition.

## WRESTLERS PLACE FOURTH

**Yale Wins N. E. Championships  
—Giles and Bone Star for M.I.T.**

Yale repeated her victory of last Winter in the Iemenway gymnasium Saturday night, when her wrestlers won six of the seven New England Intercollegiate wrestling championships; capturing the second annual meet of the Association with a total of 26 points. Harvard was second with 10 1-2 points, Brown third with 6 points, and Technology fourth with 4 points.

From the very first the Institute was unfortunate in the drawings for the preliminary matches, for many of her best men were put out in these bouts by subsequent winners in the finals. The scoring was so arranged that the winner of the final bouts was awarded four points, the runner up two points, and the semi-final loser one point. Falls all through the tournament counted half a point, but decisions only counted in the final round. Technology was further handicapped by lack of entries in the 175-lb. and heavyweight classes.

The first final bout of the evening was between Bone of Technology and Julianelle of Yale. Bone had previously defeated Genest of Tufts and Vota, Brown, on decisions, and was considered a strong contender for the title, but the Yale man was a trifle better and gained the decision at the end of nine minutes.

The best bout of the championships was between Captain Kreider of the Yale team and Giles, M. I. T.'s star man. Neither of these men had ever been defeated in wrestling against New England colleges, and both knew more about the game than any of the other contestants. The result was a wonderful exhibition of skill, ending with a decision in favor of Kreider, but Giles appeared to be slightly outweighed, and considering that the Yale captain recently threw the Intercollegiate champion, Milligan of Pennsylvania, Giles' performance was very creditable. All of the bouts were hotly contested, especially that between Killam, Harvard, and Ryan, Yale, in the 135-lb. class. The result was in doubt to the last minute, but the referee finally awarded the match to Ryan.

Potter, the winner for Yale in the 158-lb. division last year, had his work out with Burnham, the Crimson football man, in the light heavyweight class. For three minutes the bout went along at a rapid clip until Potter obtained a scissors on the Harvard man. The hold was held with such effect that Burnham squealed time and again with pain and was forced to give up at the end of four and a half minutes.

### FRATERNITY ADDRESS

The Phi Beta Epsilon fraternity has moved from 237 Beacon Street, Boston, to its new house at the corner of Charles River Road and Endicott Street, Cambridge.

## O'HARA CAPTURES FIRST PLACE AND INDOOR SPRINT CHAMPIONSHIP

**Four Mile Relay Team Defeated by Cornell, But Wins  
From Pennsylvania and Columbia—  
High Jumpers Third**

### RIFLE TEAM SHOOTS OFF FIFTH AND SIXTH MATCHES

The Rifle Team shot off the fifth and sixth of the Indoor Matches last week. The individual scores are as follows: Match 5, G. R. Bond 186, T. E. Stahl 168, F. C. Howard 162, W. S. Burbank 161, K. S. M. Davidson 159, A. E. Tuttle 157, H. M. Noelke 156, J. C. Irwin 149, G. A. Irwin 135, G. M. Lovejoy (did not shoot). Match 6, G. R. Bond 189, H. M. Noelke 165, G. A. Irwin 164, W. S. Burbank 161, A. E. Tuttle 158, J. C. Irwin 152, T. E. Stahl 140, K. S. M. Davidson 136, F. C. Howard 133, G. M. Lovejoy (did not shoot). The team total (counting the five highest scores only) was 836 for Match 5 and 837 for Match 6. This is considerably better than the scores in the four previous matches. After this only one match per week will be shot and it is expected that the scores will improve still more, for the men will have just twice as much time to shoot the matches then as they do now, besides having more time to practice.

The schedule for Match 7 will be posted on the bulletin board opposite the Bursar's office and on the one in Building 1 Monday morning. Postcards will also be mailed to the members of the team notifying them as to the time they are to report at the range to shoot Match 7.

## TALKS TO C. E. SOCIETY

**Mr. Mehren Speaks of Purpose of  
Technical Journal**

One of the most interesting meetings of the Chemical Society was held last Friday night when approximately 125 members had the opportunity of hearing two very instructive lectures by members of the Faculty. The first of these was by Professor Moore, who spoke upon "Acid Taste." He took up the subject from the beginning by first giving the theories and ideas of the so-called physicians of the early times. From here he traced the subject through each successive period, and concluded by fully explaining the advanced theories of the present day. Professor Moore also described several recent experiments, some of which were performed by Dr. Noyes of the Institute and other well-known chemists.

Following Professor Moore, Professor Spear gave a lecture upon "Colloids," similar to the one given before the Northeastern Branch of the American Chemical Society about a year ago. As the subject of colloids is very broad, Professor Spear did not attempt to go into any of the theories of it, but confined his talk to the dominant physical properties of the chemicals. As he expressed it, it was merely "seeing colloidal chemistry."

Professor Spear first explained the relative sizes of the smallest hydrogen particles which could be seen by the ultra-microscope, the ordinary high-grade spectroscope, and the naked eye. He then produced a chart showing some of the properties of colloidal chemistry. The first division of this chart showed the field of this branch of science with its arbitrary divisions. These divisions are purely physical, not chemical, and are determined by the microscope. The first contains "true suspensions," these being particles seen by the microscope; the next division contains "colloids, suspensions, and emulsions, and are seen by the ultra-microscope; the third

(Continued on page 4)

### TEAM PLACES SECOND

Competing against the best college sprinters of the country in the annual I. C. A. A. A. meet at Philadelphia Saturday evening, O'Hara '17 won the Intercollegiate indoor 50-yard dash championship. The score made by the sprint team places it second to Harvard and ahead of Cornell and Yale. The four-mile relay team, although beaten by Cornell, succeeded in defeating Columbia and Pennsylvania. The high jump team repeated last year's performance, taking third place.

The hall in which the meet was held proved unsatisfactory, as innumerable pillars cut off the view of the spectators. The track however was nearly as fast as the track in Madison Square Garden last year.

O'Hara won first place in his heat from Culbertson of Cornell in 5 3-5 seconds. Loomis and Doon each took second places, the former losing to Teschner of Harvard, and the latter to Moore of Harvard. Russert was fourth in his heat, following Shackleton of Cornell, Treadway of Yale, and Wilcox of Harvard.

In the extra heats, Doon lost to Teschner, while O'Hara led Berg of Yale. In the semi-finals, Doon took fourth place, and O'Hara was fouled by a Yale man, placing second to Moore. But O'Hara came through in the finals, leading the entire 50 yards, and winning in 5 3-5 seconds. The other places in this event went to Moore and Teschner of Harvard, and Treadway of Yale respectively.

The next event that contained a Technology team was the four-mile relay. For the first mile, Cornell led, followed by Columbia, M. I. T. and Pennsylvania, in the order named. Halfacre '19, running second for Technology, passed the

(Continued on page 4)

### MR. HOY TECH ALUMNUS

Mr. Austin Y. Hoy, whose spirited appeal to President Wilson on the occasion of the loss of his sister and mother on the Laconia has been recently published in the press, is a Tech alumnus of '04. He came to the Institute in 1902, having already received the degree A. B. from the University of Chicago. Here he was a student in Course XIII, and treasurer of the Naval Architect Society. He received his degree, S. B., in June, 1904, his thesis being "A Test of the Boilers on the Steamship Nantucket."

### CALENDAR

Monday, March 5, 1917  
4.30 P. M.—"The Lure of the South."  
Room 4-370.  
6.00 P. M.—T. C. A. Dinner. Caf.  
Tuesday, March 6, 1917  
1.00 P. M.—T. C. A. Faculty Luncheon. Riverbank Court.  
3.00 P. M.—1919 Technique Electoral Committee Meeting. Room 4-138.  
1.15 P. M.—1920 Executive Committee Meeting. Room 1-190.  
3.00 P. M.—Finance Committee Report Due. Room 1-190.  
1.00 P. M.—Show Chorus Rehearsal. Room 1-190.  
7.15 P. M.—Show Cast Rehearsal. Room 1-190.