

INSTITUTE OARSMEN ROW TO TWO LENGTH WIN OVER CLUB BOAT

**Union Starts Strong But Loses
Race Over Henley Dis-
tance on Charles**

SECOND AND FRESHMAN EIGHTS LOSE AT YALE

**Junior Varsity Leads for
Short Time—Stroke
32 All the Way**

The Engineer crew wiped out in part the defeat by the Middies when they raced in two and a half lengths ahead of the Union Boat Club, over the Henley course. For a while at the start the two crews held even, but the quarter mile post found Technology in the lead. The Beavers rowed a front race the rest of the way but the clubmen held tenaciously on.

After obtaining the lead at the quarter mile mark, the Engineers gradually increased it until there was open water as the shells went under Harvard bridge. For a while the two eights held even as Union strained to regain what had been lost, but nearing the finish the Beavers put everything they had into it and pulled away for a lead of over two lengths at the finish. During the race Greenwood, rowing number six on the Technology boat, caught a crab but with a quick recovery only five strokes were lost by the Engineers and the ground gained by Union was small.

Large Crowds View Races
The race took place half an hour before the Navy-Princeton-Harvard classic and the crowds were out in great numbers to see the races. The antiquated Harvard bridge was crammed with spectators. If a fire had started near the center it would have gone out through lack of air. The time, eight minutes and four seconds for the mile and five-sixteenths, was slow. The crews were slowed down by a slight head-on wind, but the water conditions were nearly perfect. The Union Boat Club, while losing by over two lengths to Technology held Harvard to a lead of less than a length in a practice race last week, which will lend more interest to the Technology-Harvard race this coming Saturday. The Unions have a fast start and were able to hold their own with both the Cardinal and the Crimson in the early stages.

At New Haven Yale outrowed both the Institute freshman and second varsity crews. In the freshman race the Elis took the lead at the start and

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CHEMICAL SOCIETY HOLDS FINAL BANQUET THURSDAY

Last Event of the Season To Be Staged at the Lenox

The Chemical Society's final event of the year is to be a banquet, held in the Gold Room of the Hotel Lenox Thursday at 6:30 o'clock. The speaker of the evening will be Dr. H. C. Parmelee, editor of Chemical and Metallurgical Engineering Magazine. His subject will be "The Chemist in Public Life." Dean H. P. Talbot '85, Professor W. K. Lewis '05, Professor J. F. Norris and Professor R. T. Haslam will be present and speak at the meeting.

Gage and Schmitz of Tech Show fame are to entertain with a specialty musical act. Tickets for the banquet are \$1.75, and may be obtained from any of this year's or next year's officers, from Mr. S. G. Simpson, in room 2-210 and Mr. M. M. Greene in room 2-310.

Dr. Parmelee is a noted Chemical editor, having been connected with several chemical and metallurgical journals. He has been with the Chemical and Metallurgical Engineering Magazine since 1910 and editor since 1919. At one time he was president of the Colorado School of Mines, and previous to that he was a chief chemist of a refining plant in Colorado.

PI DELTA EPSILON NAMES NEW HEAD

**President E. M. Hopkins of
Dartmouth Secures
Honorary Post**

INSTITUTE MEN ELECTED

At the national convention of the Pi Delta Epsilon, honorary collegiate journalism fraternity, held April 29 and 30 at Champaign, Illinois, President Ernest Martin Hopkins of Dartmouth College was elected honorary national president for the next year. The University of Illinois chapter acted as host to the visiting delegates. Alpha Gamma, the local chapter, was represented by J. C. Patty '22, and E. E. Kattwinkel '23, General Manager of THE TECH.

Two Institute Men Are Officers
In addition to the national president, the following officers were elected: H. C. Pannell of the University of California, vice-president; H. E. Lobdell '17, Assistant Dean of the Institute, secretary; J. C. Patty '22, of the Institute, treasurer; P. C. Pack of the University of Michigan, editor of the society's official magazine. The newly elected secretary is a graduate of Course IV of the Institute and is at the present time Assistant Dean of Students. He held the positions of

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AERONAUTICALS FLY, DINE AND HOLD DANCE

**Dean Talbot, Prof. Warner,
and Physics Department
Head Speak**

GLIDER ON EXHIBITION

A trip to the Framingham flying field last Saturday, followed by a banquet in Walker Memorial which was featured by addresses by Dean H. P. Talbot '86, and by Professors E. B. Wilson and E. P. Warner '17, acted as a climax to this season's activities of the Aeronautical Engineering Society. The glider which is in the course of construction by the society was exhibited at the banquet and formed the theme for most of the speeches. Professor Warner, who has been closely connected with the design and work on it, outlined the history of glider experimentation and stressed the importance of the position that this type of machine might take in research work.

Physics Head Talks on Soaring
The question of soaring flight, concerning which very little real information is now obtainable, was touched upon by Professor Wilson of the Physics Department. Dean Talbot spoke on the subject of aeronautics as connected with chemistry, enumerating several of the problems entering into the development of the airplane which depended entirely for their solution upon the older science. Short speeches were made by Major C. H. Wooley of the National Guard, and Lieutenant R. C. Moffat in charge of the field at Framingham, who were also guests of the society. Ex-president F. F. Lange '23, gave a short review of the year's work of the society and then presented E. T. Allen '23, the president for the coming year. The other members of the new administration are: vice-president, V. J. Weaver '23; secretary, L. G. Taylor '23, and treasurer, W. S. Marder '23.

The "Glider Banquet," as it was called, was attended by about 35 people; dancing followed the delivering of the speeches. During the afternoon several free flights were given members of the society. The work of the organization for the remainder of the term will be directed towards completing and testing the glider.

COSMOPOLITAN CLUB NOMINATES OFFICERS

**Executive and Entertainment
Committees Meet**

At a combined meeting of the executive and entertainment committees held Friday, officers of the Cosmopolitan Club for the coming year were nominated. Additional nominations, if signed by five members, are receivable up to the time of election which will take place in about two weeks.

Nominees for president are: W. P. Allis '23, Guimaraes Atahualpa '23, T. B. Drew '23, and Prasob Sukhum '23. For vice-president: Guimaraes Atahualpa '23, F. C. Ede '23, Bernardo Elosua '23, and Antonio Rosado, Jr. '24. For secretary: C. H. Blake '23, T. B. Drew '23, and E. P. Roll '23. For treasurer: Rien Badasuke '23, L. A. Ferre '24, E. B. Ledesma '23, and Y. H. Woo '23. Professor Joseph Lipka, Professor E. F. Langley, and Dean H. P. Talbot '85, were nominated as counselors.

It was decided that a luncheon be held immediately after the elections, at which time the results are to be announced.

BOAT HOUSE UNDERGOING EXTENSIVE ALTERATIONS

**Executive Committee Votes for
Repair Money**

The Executive Committee having appropriated \$3500 for the purpose, the newly purchased boat house is undergoing alteration and repair.

The piazza is being closed in so that it will become part of the lounge room; the locker room when fixed up will contain new steel lockers similar to those in the gym and the track house. The plumbing will be completely replaced by modern installation, with hot and cold showers.

A heating plant which will heat the building, as well as the water for the showers is to be installed. The architectural changes, under the supervision of Professor H. W. Gardner, are being carried forward as rapidly as possible. Those in charge hope to have the alterations completed before the season is well advanced.

TRACK MEN BEATEN BY WIDE MARGIN IN HARVARD DUAL MEET

CIVILS WILL BANQUET AT LENOX WEDNESDAY

**Professor G. F. Swain is Chief
Speaker—Announce Elec-
tion Results**

The Civil Engineering Society will hold its annual banquet at the Lenox at 6:30 o'clock this Wednesday evening. This banquet marks the close of the activities of the society for the year.

Professor G. F. Swain who is connected with the Civil Engineering department at Harvard will speak. Professor Swain was the former head of Course I at Technology and while here gained the reputation of being able to retain the close attention of the classes at his lectures no matter how dry the subject matter.

Desmond Fitzgerald and Professor H. L. Bowman of Technology will also speak. Mr. Fitzgerald is connected with the Metropolitan Water System and his talk will be based somewhat upon his experiences.

Announcement will be made at this time of the results of the elections of officers for the coming year.

MATH CLUB HEARS TALK BY PROFESSOR HOSMER

Professor G. L. Hosmer '97, of the Civil Engineering Department gave a talk before the members of the Math Club and their friends last Thursday evening, in room 4-231. He spoke on some of the recent developments in Geodesy, emphasizing the paradoxical nature of certain Geodetic measurements. He also told of some of the recent achievements made by scientists in perfecting the torsional balance, an instrument used by geologists in determining the nature of mineral deposits under the earth's surface.

SENIOR CLASS BOOKLET PERMANENT SOUVENIR

**Issue This Year Is to be Dedic-
ated to Dean H. P.
Talbot '85**

The booklet issued each year by the Senior Class is one of the few concrete mementos of Senior Week which the graduates have and since it will be kept for many years every attempt is made to have it combine attractiveness with value.

This year the booklet will contain about 16 pages and be bound in gray suede leather with an embossed design. By vote of the Senior Week committee it is dedicated to Dean H. P. Talbot '85, and his picture will occupy the third page. On the following sheet a complete program of the events of the week are to be printed and on the fifth page a resume of the class history. Several more pages have been reserved for a complete list of those who will graduate either in June or October. The names of the officers, and members of the Senior Week committee will complete the book.

Work on Production Starts Soon

Of special value is the list of the class since there are many times when a graduate wishes to know positively whether some man was officially a member of his class. For this reason, all men who desire to be recognized as members of the Class of 1922 are expected to make sure that their name is on a list which will be posted by the committee.

The contract for the printing has been let to the Skillcrafters, Inc., of Philadelphia. Work on the actual production has not been started yet but it is certain that the booklets will be ready by June 3 at the latest. As the price depends upon the number of pages required no definite amount can be set now although it will probably be in the vicinity of 50 cents.

The committee is considering a plan to furnish special envelopes at a low price for those who may desire to mail copies. The committee consists of C. Y. Chittick '22, chairman, and E. W. Vilett '22.

CRIMSON HOLDS LEAD THROUGHOUT ANNUAL TRACK COMPETITION

**Engineers Unexpectedly Left
Behind in Dashes—Close
Finishes Feature**

UNIVERSITY PILES UP FINAL SCORE OF 84 TO 51

**Elmer Sanborn Pushes Burke
in Mile and Gamely
Enters Two Mile**

Harvard's track and field men defeated Technology on Tech Field, Saturday afternoon by a score of 84 to 51. Coach Bingham's team took the lead in the first event, the 100 yard dash, and having gotten its hand in, kept skimming the cream of the points in most of the contests. A Crimson win in the 220 yard dash brought the annual dual battle to a close. The most thrilling exhibition was Elmer Sanborn's feat of entering the two mile, after leading Burke, the University expert, for most of the mile. Sanborn crossed the line third but didn't score because he was paced around the last turn. Bill Gurney, Bob Hendrie, Ed Merrill and Carl Dippel won their events for the Institute.

Trouble Starts Early
In the very first event, the trial heats of the century, the Engineers met with unexpected reverses. Johnny Poole won his heat in fine style with Wansker following him across. Louie Porter got away to a good start and was the third man to qualify. Then in the second trial trouble started. Chase and Evans of the Crimson took first and second by a comfortable margin and the best Al Hayes could do was to beat out Frankie Howlett for the remaining chance to compete in the finals.

Harvard Wins the Century
When the final sprint was run off Chase came up with a rush at the tape that headed Johnny Poole and gave to the Crimson five points that had been doped to go to the Beavers. Wansker got the lone point without much competition, the real fight being between Poole and Chase. The two rivals fought each other down the lanes but the Harvard man had a drive at the finish that netted him a hair's breadth victory.

Unfortunately the meet, started so unpropitiously for the home team, continued in the same way throughout its course. The second event, the hurdles, found the University taking first and second. The entrants were so few that the preliminaries were dispensed with and the points rolled up at the first heat.

High Hurdles Go To Visitors
Hauers, the Crimson star in the tall timbers, stepped his way over the barriers in the best of form and got away with first honors. He had to fight right up to the tape however to keep in front of his team mate Thayer and Blodgett of Technology. Blodgett ran well but lacked the necessary

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CALENDAR

- Wednesday, May 10
- 6:30—Civil Engineering Society banquet, Hotel Lenox.
- Thursday, May 11
- 6:30—Chemical Engineering Society banquet, Gold Room, Hotel Lenox.
- Friday, May 12
- 8:00—Catholic Club dance, main hall, Walker.
- Saturday, May 13
- 3:00—Walker Memorial Committee tea dance, main hall, Walker.
- Tuesday, May 16
- 7:30—Chauncy Hall Club smoker, Faculty dining room, Walker.
- Wednesday, May 17
- 5:30—Catholic Club supper, north hall, Walker.
- Thursday, May 18
- 8:00—M. I. T. Math Club meeting, room 4-231.
- Friday, May 19
- 8:00—Dorm dance, main hall, Walker.
- Wednesday, May 24
- 8:00—Lowell Institute dance, main hall, Walker.

UPSET PRECEDENT IN 1923 CLASS ELECTION

**Shaw, Bates and Carrier Chosen to Lead Classes
for the Coming Year**

The class elections Friday proved to be one of the most hotly contested that has ever taken place at the Institute. The race for Senior class president was particularly close. It seemed to be almost anyone's race up to the time of the closing of the polls. As he is a VI-A man, R. P. Shaw caused surprise in many circles by carrying the election with a safe majority. The precedent that the Editor-in-Chief of Technique should become president of the Senior class was shattered and Kirkham placed third. Considering the fact that Smith had not been in class politics before this election his large vote was quite a surprise. The results of the race for president are as follows:

R. P. Shaw 181
R. H. Smith 142
Hall Kirkham 120
C. B. Weiler 21

The other officers of the Senior Class will be: S. Hazard, Jr., vice president; B. P. Lane, secretary; A. R. Holden, treasurer; C. C. Taylor and H. L. Hayden, Institute Committee and H. W. Dexter, Jr., and T. O. Richards, Executive Committee.

Ratify Elections Thursday
E. S. Bates, Sophomore baseball

captain and member of the Institute Committee, was elected to the position of Junior Class president by a good majority. The other officers of the class will be: L. P. Marsh, vice-president; J. D. Fitch, secretary; D. H. Keck, treasurer; D. Evans, Jr. and D. W. Murdock, Institute Committee, and W. F. Rivers and R. J. Hochstetler, executive committee.

Next year's Sophomore Class will be led by P. H. Carrier as president; A. S. Vandenberg, vice-president; K. T. Bainbridge, secretary; C. R. Mabley, Jr., treasurer; D. R. Campbell and G. L. Bateman, Institute Committee, and E. W. Southworth and W. A. Cook, executive committee.

A special issue of THE TECH was put out on Friday night at 9:30 in which the results of the elections were announced. Copies of this edition were delivered around to the various fraternity houses Friday night and sold at the Institute on Saturday morning.

These elections will have to be approved by the Institute Committee at its meeting on Thursday, when the new members will take their places on the committee, after their elections are ratified.