

# THE TECH

Vol. XXVIII. No. 28

BOSTON, MASS., WEDNESDAY, DECEMBER 2, 1908

PRICE THREE CENTS

## CROSS COUNTRY FALL HANDICAP

Will Be Held Over Eight  
Mile Course Next  
Saturday

### CHANCE FOR NEW MEN

No Varsity Runners Entered in  
Annual Race—Howland  
Will Try for Record

Saturday afternoon the men who have been doing cross-country work will run the annual handicap cross-country race. None of the varsity team will run with the exception of Howland, who may try for a new record for the course. E. H. Lorenz 1905, who holds the present record, will come on from Hartford to run over the course with the fellows. With the regular squad eliminated, this race will afford a fine chance for the new men to get a prize or win the insignia, "cTe". Prizes are given to the first and second men to finish and to the man making the fastest time for the race. The letters representing Technology cross-country are given to the four men making the best times.

The start of the race is at the home of R. D. Farrington 1906, 56 Bellevue Street, Highland. One of the best courses in the vicinity of Boston has been chosen for this race. It is good running all the way and the character of the ground is so varied as to relieve any monotony which might exist. There is about as much road work as there is strict cross-country going. One part of the course leads for nearly a mile through the woods along an old log road, then across pastures for another mile, and so on to the main highway. After a half mile of macadamized road the trail strikes into the fields once more. The finish is up South street and Bellevue street to the starting point.

Coach Kanaly will make up the handicaps and all who intend to enter this race should leave their names at the cage by Friday morning, for J. N. Stephenson 1909.

There is an entry fee of 50 cents, which includes membership in the M. I. T. Hare and Hounds Club. It entitles a man to run in any race held by the club, and to vote at the annual election held in February. Membership cards may be obtained on the train Saturday afternoon, or from H. S. Benson 1912, C. P. Eldred 1911, R. Ellis 1909, or J. N. Stephenson 1909.

The squad will leave the Back Bay station at 2:22 P. M., Saturday for Highland station. Round trip fare is 25 cents.

## SOCIETY OF ARTS

Program for Winter Best  
Ever Presented

One of the most interesting programs in years has been provided by the Society of Arts for the benefit of the students and such of the public as are interested. The lectures are as far as possible non-technical and the speakers are all men who are eminent in their profession. The Society desires to benefit as many as possible and to this end the lectures are to be held in Huntington Hall, Rogers Building. They form part of the educational work of the Institute and are free.

The first lecture will take place on Dec. 7, and the subject will be "The Charles River Basin Improvement," by Mr. Hiram A. Hiller, chief engineer of the Charles River Basin Commission, who will describe the different engineering problems presented and how they were met. Mr. Williams A. Youngerman, secretary of the Commission, will tell of the beautiful results of the undertaking.

(Continued on page 2.)

## GREAT ENTHUSIASM MARKS DEAN'S TRIP

Dean Burton Gives Address  
at New Technical School  
in Walla Walla

### GIVEN M. I. T. CHEER

Former Technology Men Welcome  
Dean in all Parts of  
Country

Great enthusiasm marked the Dean's trip to the West. Everywhere he was heartily greeted, and a great spirit of interest for Technology was manifested.

At Walla Walla, Washington, the Dean gave an address to the supporters of the new movement for a technical school which is to be built and managed in connection with Whitman College. Just as the Dean was about to speak he was surprised with a regular M. I. T. cheer. Besides Dean Burton, President Northrup of the University of Minnesota, Secretary Stokes of Yale, and prominent men from Idaho, Oregon and Washington were present and spoke.

The plan is to add to Whitman College a high grade technical school which will give the degree of S. B. A fundamental elementary training is to be given in four years of study, and two more year's training will be necessary to take a degree in mining, mechanical, electrical, or civil engineering. The full course, then, will be six years in length.

The enterprise is backed by business men and it is expected that about \$2,000,000 will be subscribed. A board of overseers has already been appointed, and no opposition is looked for from the state colleges. The buildings have been designed by a firm of Tech men, McNaughton, Raymond, and Lawrence of Portland, Oregon. These men are graduates in the years of 1902, 1903, and 1901, respectively.

While in Walla Walla, Dean Burton was a guest of Eugene Hunt, formerly 1909.

In Portland the Dean was banqueted at the Commercial Club by 12 Institute graduates. These men are as much interested as ever in Technology and have formed the Technology Club of Oregon.

At Seattle 12 more men met Dean Burton, and before he left, the Technology Club of Puget Sound was formed. It is probable that the membership in both these clubs will be about 30.

A temporary association of some thirty members is now in existence in Spokane, and several of these were on hand to welcome the Dean. This will probably be formed into a permanent organization under the name of the Technology Club of the Inland Empire.

All the clubs have sent congratulations to President-elect Maclaurin and express great faith in his ability to manage the future of the Institute.

There were men in San Francisco and also in South Dakota who wished to meet the Dean on his way East, but unfortunately for lack of time he found this impossible.

Everywhere the Dean was greeted with so many inquiries in regard to the Institute and its welfare that he says "The further West one gets the greater the spirit of enthusiasm for Technology seems to be."

## VALENCE THEORY

Prof. F. J. Moore was the speaker at the physico-chemical colloquium, Monday evening at the Union.

He discussed the question, "Is the valence theory adequate?" and succeeded in presenting the question in a most interesting manner.

The importance and interest of the discussion were attested to by the large number present, as the colloquium was better attended than any this year.

## WESTON TALKS TO CIVILS AT UNION

Society Hears Lecture on Use  
of Ground Waters by  
Graduate

### PROCESSES DISCUSSED

Members Vote to Send Telegram  
of Greetings to Washington  
to Prof. Swain

After a most excellent dinner at the Union the Civil Engineering Society held a short business meeting and then listened to an excellent address on the "Use of Ground Water," by Robert Spurr Weston of the class of 1874.

Before commencing his lecture, Mr. Weston invited all interested to attend the meeting of the sanitary section of the Boston Civil Engineering Society this evening. The society is to discuss plumbing and draining regulations in cities, a subject of special interest to seniors in Course I at this time. The meeting is to be at the Boston City Club at 7:30 P. M.

Mr. Weston in speaking of ground water first gave a short but general history of the use of ground water, from the time of Aristotle to the present day. Although for some time surface water has been used almost exclusively to supply large cities, lately a movement has been made to return to the use of ground water as being cheaper and giving better service.

The experiment has been tried on Long Island and is giving good results there, artesian wells being the source of supply.

He then compared the impurities found in surface and in ground waters, and discussed in detail the purification of ground water. He described various processes for treating waters containing alkali, hard waters, and waters containing iron and magnesia. His descriptions of the apparatus were especially interesting.

At the close of his talk, which met with hearty applause, it was announced that a joint meeting of the electrical, mechanical and civil engineering societies is under contemplation to listen to a lecture on "The Electrification of Steam Railroads," by Mr. Davis. Mr. Davis is particularly fitted to handle this subject as he lately supervised the electrification of the tunnels on the Pennsylvania system.

In the business meeting an amendment to the by-laws of the society, providing for the election of the program committee in April to serve one year instead of one term, as is now the case, was favorably reported on and laid on the table to be accepted at the next meeting. It was decided that the arrangement of excursions should be left with the program committee. The members of the society expressed themselves as in favor of having society dinners once a month. The society also voted to send the following telegram to Prof. C. F. Swain, in Washington:—

Prof. C. F. Swain,  
Washington, D. C.:  
Greetings from the C. E. Society.  
Thanks for the exam.  
(Signed) C. E. Society of Tech.

## ODELL CHOSEN CAPTAIN

Lawrence G. Odell was elected captain of the sophomore baseball team on Monday. Odell is a member of last year's team and played at Mechanic Arts High School before entering the Institute. He managed the class football team in his freshman year, and covered first base in the class championship series last fall.

Eight of last year's team are back again, and the outlook for another good nine is excellent. The squad last year was particularly fortunate, defeating their opponents nine out of eleven games.

## EXECUTIVE BODY OF FIVE ELECTED

Institute Committee Appoint  
Important Board of  
Students

### ROOMS ASSIGNED

Desk Room in the Union to be  
Allowed to Union Student  
Organizations

As an executive committee of the Institute Committee the latter body elected yesterday afternoon to serve one year Maurice R. Scharff 1909, Raynor H. Allen 1909, Delos G. Haynes 1909, and Frank D. Stewart 1910. James H. Critchett 1909, as president of the Institute Committee, will act as chairman of this committee.

At its last meeting the Institute Committee accepted an amendment to its constitution providing for the election of an executive committee of four men from the undergraduate body. No restrictions were made that these men should be members of the Institute Committee or from any particular class, as it was believed that so important a body should be composed of those best suited to serve. As a preliminary to the appointment of this board the following men were nominated and carefully considered:—M. R. Scharff 1909, R. H. Allen 1909, F. D. Stewart 1910, J. M. Fitzwater 1910, R. S. Bicknell 1910, H. S. Manson 1910, L. D. Nisbet 1909, D. G. Haynes 1909.

Of the men elected M. R. Scharff was president of his class in his freshman year, is a past president of the Exeter Club, was business manager of Technique 1909, has been three years a member of the track team, served on the Institute Committee in 1908 and 1909, and is a member of the Union Committee.

R. H. Allen 1909, was on the Institute Committee last year, editor-in-chief of Technique 1909, member of the Junior Prom Committee, president of the freshman class, and a member of the class track team.

Delos G. Haines was secretary of the class of 1909, member of the 1909 election committee, which carried on the most successful election of the year.

Frank D. Stewart was captain in the freshman year and manager of the class relay team in the sophomore year, president of the class, and a member of the electoral committee of Technique 1909.

The room committee reported that in Room A desk room should be allowed to the president of the Institute Committee, chairman of the house committee, manager of the track team, and of the musical clubs, and the chairman of the Junior Prom committee, and of the Senior Portfolio. Desks for outside activities may be placed in Room B, the Show office.

The Institute Committee reserves the right to hold meetings in the Technique office, Room C.

L. D. Nisbet 1909, and C. J. Belden 1909, were appointed to draw up a set of resolutions thanking the Committee of the Corporation on Student Welfare for their generous donations to the erecting of the Union. These resolutions are to be presented for ratification at a convocation of the classes to be held shortly.

## CALENDAR

WEDNESDAY, DEC. 2.  
7:00 P. M.—Civil Engineering Society summer school reunion.  
1:00 P. M.—Revolver men in 22 Rogers.  
THURSDAY, DEC. 3.  
1:00 P. M.—Class of 1909 meeting in Huntington Hall.  
6:15 P. M.—Bible Class in Union.  
FRIDAY, DEC. 4.  
1:00 P. M.—Baseball men in Huntington Hall.