

THE TECH

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BOSTON, MASS., WEDNESDAY, OCTOBER 7, 1908

PRICE THREE CENTS

FOOTBALL PLANS OF 1911 ANNOUNCED

**First Game of Season Next
Saturday with Natick
High at Field**

FRESHMEN LIVEN UP

**Twenty-Six Report for Practice
and Prospects are Much
Brighter Than Before**

Manager Williams of the sophomore football team has announced a promising schedule for this season. The squad is hard at work, and enough men have reported to make up two teams. Scrub games between these teams give the men excellent training, and a large score is looked for on Field Day by the 1911 aggregation.

The schedule follows:

Sat., Oct. 10. Natick High at Field.
Wed., Oct. 14. Hyde Park at Field
(Pending).

Sat., Oct. 17. Bridgewater Normal at
Bridgewater.

Wed., Oct. 21. Watertown or Rindge
M. T. S. at Field.

Sat., Oct. 24. Lowell Textile at Lowell.

Wed., Oct. 28. Somerville High at
Somerville.

Sat., Oct. 31. Wellesley High at Welles-
ley (Pending).

Fri., Nov. 6. Freshmen at Field.

The speeches at the freshmen dinner seem to have had the desired results, if one judge by the way the Brookline cars were filled with suit-case-beladen men getting off at Pond Ave.

The procession headed toward the field consisted of the following freshmen: J. E. Whittlesey, F. R. Fuller, S. R. Mackeller, F. H. Dierks, R. H. Riddell, J. A. Boyer, G. W. Forester, J. H. Ward, H. G. Watkins, W. E. Burns, C. B. Busby, B. Torrey, M. C. Cherry, H. E. Kebbon, H. W. Hall, E. C. Van Syckel, E. C. Mayers, H. Greenleaf, N. McSage, J. S. Selfridge, S. W. Selfridge, R. W.
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MEET TO SUPPORT TAFT

**Republican Club Elects Officers
Plans Torchlight Parade**

Taft men of the Institute turned out well at the Republican Club Meeting, Monday noon.

The club was organized under the direction of Mr. Van Rensselaer, chairman of the second department of the Republican National College League, who spoke at the meeting of the work done by this league. He gave a brief outline of its history. Mr. Van Rensselaer also spoke of the work this league expected to do in the future and urged that the Massachusetts Institute of Technology form a club and take active interest in the coming campaign. In the fifteen colleges of Massachusetts, Rhode Island, and Connecticut, which had Republican clubs there are 12,000 men enrolled.

G. T. Bridgeman 1909 acted as chairman and suggested that officers for the coming year be elected. Channing Turner 1908, editor-in-chief of the Tech, was elected president of the Technology Republican Club, and D. C. McMurtrie 1910, editor-in-chief of Technique 1910, was made vice-president. G. T. Bridgeman 1909 will act as secretary-treasurer. Members of an executive committee from each class were chosen as follows: Carl W. Gram for 1909, Tom W. Saul for 1910, L. B. Odell for 1911, and M. McL. Sage for 1912.

The two purposes of this club will be to have the members work at the polls this November, and if they are voters, go home to vote.

The Republicans at the Institute will register and receive shingles of the club on a date to be announced later. The club will join with the clubs of the other New England colleges in a torchlight procession on October 30.

TECH HALF POINT BEHIND WILLIAMS

**Tennis Tournaments for
Intercollegiate
Championship**

TEAM SELECTS OFFICERS

**T. B. Parker 1911 to be President
and Captain for the
Season**

If Technology can win the tennis championship this year there will be another cup in the Union. At present Tech has 6 to Williams' 6 and one-half points. Eight points are all that are necessary. Hence a victory over Williams will win the cup.

At a meeting of the club held yesterday noon it was decided to run the regular fall and spring tournaments. From the eight best men, the team representing the Institute will be chosen.

The tennis club wants everybody who has ever swung a racket to enter this tournament. Weather permitting the fall meet will be held next Saturday and the entries will be drawn at 1 o'clock Friday in 21 Rogers. For the singles the entrance fee is 75 cents and for the doubles, \$1.50. Cups will be given to the winner in the singles and doubles and also to the runner-up in the singles.

At the last meeting of the club these were elected officers: T. B. Parker 1911, president and captain of the team, Malcolm Price 1910, vice-president, P. T. Wentworth 1909, manager, and Jerome Scheuer 1910, sec-treasurer.

All entries should be left at the cage for T. B. Parker, or J. K. Scheuer, Technology Chambers, before 1 o'clock Friday.

The following have already made entry. Singles: T. Fisher 1912, S. H. Cornell 1911, J. N. Brooks 1909, R. L. Cary 1909, D. V. Williamson 1910, H. P. Williams 1911, R. T. Haslam 1911, W. J. Pierce 1910, T. B. Parker 1911, Willis 1912, Little 1912, J. W. Nickerson 1909, J. K. Scheuer 1910, F. W. Cowill 1911, P. M. Wentworth 1909. Doubles: J. N. Brooks 1909 and R. L. Cary 1909, T. B. Parker 1911 and P. M. Wentworth 1909, J. K. Scheuer 1910 and F. W. Cowill 1911, M. D. Price 1910 and D. V. Williamson 1910.

MANDOLINS POPULAR

**Response to Call for Candidates
Good—Guitars in Need**

Trials for the Mandolin Club brought out a long list of candidates yesterday at the Union. Leader H. J. Stiebel tried out the men with a few simple pieces. None of the candidates was refused, as it was only desired to get a line on their possibilities. The number will be thinned out after the first rehearsal next Friday at 4 P. M. at the Union, which all the candidates will attend.

Following are the men who reported: Mandolins—J. F. Davis 1909, H. V. S. Taylor 1910, L. L. Baxter 1910, A. A. Barnes 1909, J. B. Cheney 1911, O. B. Rowley 1912, J. W. Norfield Jr., Sp., W. Selfridge 1912, K. Cartwright 1912, H. P. Treevithick 1909, P. S. Leao 1911, H. B. Davis 1912, N. F. Tiernan 1911. Violins—R. C. Foster 1912, W. L. Collins 1912. Flute—H. H. Partridge 1912.

The club is in great need of guitars; but one of last year's men is back, and there were no new candidates. Snare drums are also desired. Men who decide to try out later may leave their names and addresses at the cage for manager D. R. Stevens 1911, and they will be notified of time for trial.

GLEE CLUB CHOSEN

The make up of the glee club for the present will be as follows.

First Tenors: C. M. Pritchard, J. E.
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FOREIGN TEACHER COMING TO TECH

**Result Due to Plans of
Prussian Minister
of Education**

NEW ELECTIVE COURSE

**Hermann A. Schumacher of Royal
Gymnasium of Cologne
Chosen for Place**

Owing to the reduction of the modern language requirements of the Institute, the instructing staff has been reduced from eight to seven members. The department will have a French exchange teacher in Mr. Dike, fresh from his year's sojourn and study in France.

A special course in German III for students of course VI has been added. Spanish has been taken out of the third year option. Elementary, intermediate, and advanced courses in Spanish remain as electives. However, if elementary Spanish is taken and not as a substitute for French or German, it will be counted for a third or fourth year option.

The Institute will have a Prussian teacher as the result of the plans of the Prussian Minister of Education and the Carnegie Foundation, backed by the funds of the latter. This plan has been in effect for some time between Prussia, on one side, and France and Germany, on the other.

Hermann A. Schumacher, an instructor from the Royal Gymnasium of Cologne, Germany, has been selected for this position. It is not expected that these instructors will take any part in the formal instruction of the Institute. The plan, as worked out, is that they are not to do the work, or even part of the work, of a regular teacher. This would impose too heavy a burden upon the visitors and would render relationship with the students too didactic. The plan is for the visiting teacher to teach conversation in his own language in an informal manner for not more than two hours each day.

Dr. Schumacher will give a series of conversational talks in the German language upon German life and institutions during the first term beginning Monday, October 12. This course may be taken as elective by any student who has done equivalent work elsewhere. The talks will be given once a week at hours that will be announced later.

The first few talks will be on the following topics: (1) German schools and universities with special reference to student-life; (2) the German army; (3) the German government (imperial, state, and municipal); (4) German political parties; (5) the German press.

The topic for each talk will be published beforehand by bulletin in the modern language department and in the Rogers Building.

EDUCATION STUDIED

**Engineering Societies Study
Technical Schools**

Engineering education is to be carefully studied by a Joint Committee composed of representatives of the leading professional engineering societies and from the Society for the Promotion of Engineering Education. The movement originated in the latter society, which invited the others to appoint members to the joint committee.

It has long been felt that engineering schools have not accomplished what they should. It was with a good deal of difficulty that the movement was finally completed, and it was through the efforts of Prof. Dugald C. Jackson, head of the electrical engineering department, that the result was finally accomplished.
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MECHANICALS DINE IN STYLE AT UNION

**First Society Meeting in New
Rooms Marked by
Interesting Talks**

TURBINE THESIS WORK

**Four Seniors Traveled on Harvard
to Study Performance
in Service**

With nearly seventy-five enthusiastic members present, the Mechanical Engineering Society held its first dinner of the season at the Union last evening. The dinner was the first event of its kind to be held in the new Trinity Place establishment, and was an affair most creditable to the new quarters.

The menu, consisting of chicken soup, ice cream, cake and coffee, put those present into a proper frame of mind for the entertainment and instruction of the evening.

The business meeting received first attention. Secretary Dewey read the minutes of the last meeting and, on account of his absence from the Institute this year, tendered his resignation. An election for secretary resulted in 25 ballots for H. C. Fisher 1909, and 26 for H. H. Marshall 1909, who received the election.

President Carlton W. Hubbard 1909 then addressed the meeting and apropos of the speaking of the evening, urged the consideration of the members in regard to speaking before the Society. He remarked that sooner or later all the men would have to appear before an audience to give them their expositions, and that speaking before friends, as was done in the Society meetings, was excellent experience.

Prof. Lanza then greeted the diners and congratulated them upon having such a large number present, and such splendid quarters to meet in. He then spoke of the practice inaugurated last year, when the Society supplied its own speakers at most of its dinners. The most interesting meetings, said Prof. Lanza, are those in which our own men get up and tell their fellows of what they know of their hobbies, or something which they have prepared for the occasion.

H. C. Fisher then gave the leading talk of the evening. He, together with C. W. Hubbard, P. E. Young, and J. F. Davis, all seniors, performed a test on the S. S. "Harvard" of the Metropolitan Steamship Co. last June as a thesis subject. The "Harvard" is 407 feet in length, 4,910 tons displacement, 16 feet draught, is equipped with three Parsons' turbines. The starboard and center screws are right hand, and the remaining port propeller is left hand. Reverse is obtained through by-passing the steam into a low pressure rotor. The boiler battery consists of six Scotch marine boilers, in connection with which a forced draught is used. Coal is conveyed to the stokers by overhead trolleys.

In the test, the power delivered to the shaft was determined by use of a Denny and Johnson torsion dynamometer, as no indicator horse power can be found directly with a turbine. The recording apparatus was located up on the main deck, away from the noise and vibration. The shaft H. P. was found to be 10,300, at a speed of 470 R. P. M. The speed, determined by an electric log, averaged 20 knots per hour, with a maximum of 23.8 knots, which make these boats the fastest running into New York with the exception of the Mauretania and Lusitania. A set of photographs taken in connection with the test was exhibited to the Society.

Mr. I. W. Litchfield 1885, supplied the humor of the evening, and gave some very practical advice as well, to those who are inclined to set out to work with a lost sense of perspective. After a vote of thanks to the speakers, the meeting adjourned.