

THE TECH

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BOSTON, MASS., MONDAY, DECEMBER 2, 1907

PRICE THREE CENTS

BASKET BALL SEASON OPENS NEXT WEEK.

BOSTON COLLEGE THE FIRST OPPONENT.

Tech Will Turn Out a Strong Team if it Can Get Time For Practice.

A week from tonight the Institute basket ball season opens with Boston College at the Gym. It is expected that a strong team will be sent over to represent Boston College and a fast and exciting game is expected. It is also expected that a large crowd of rooters will be sent over.

The Institute team has not been officially picked as yet. There has been sharp competition among the candidates. Captain Wentworth is handling the men well, besides playing his usual steady game, passing in good form, and securing good team work.

W. J. Pierce 1908, last year's center, will have to fight hard for a place on the team. Although he is shooting fairly well, he is not getting into the team work in very good shape. His chief fault is allowing his opponent to get away from him. He also does too much individual work instead of working into the team work.

Nichols 1909 has improved his game at guard over last year and it is seldom that the ball gets by him. Both he and Lamont lack the ability to shoot well. The latter was on the team two years ago and is playing a steady guarding game, using his weight to a good advantage. His passing is poor as yet.

Among those out for the forward position is Cahill 1910, a member of the team last year. He is excellent for team work as his passing is quick and sure, but he does not as yet put enough life into the game. He is also weak in his shooting.

Assistant-Manager Hargreaves 1910, who was a member of the second team last year, is making a strong bid for a forward position. Although light, he is fast and has a good eye for the basket.

The most promising man from the Freshman Class is Parker who has weight and all-round ability. Although he has not a good eye for the basket he is good in team work.

There are a number of others who are showing up well and are able to make things hum. It is expected by the management that if time is allowed for regular practice at the Gym Tech will turn out the strongest team in New England. The management says that only twelve hours practice was allowed in the whole season last year. The team was forced many times to take fifteen-minute practices after 6 o'clock. It is probable that this year's team will be able to work under better conditions.

SOCIETY OF ARTS MEETING THURSDAY.

Mr. Cheney of Providence the Speaker on "Refrigeration."

The Society of Arts will hold a regular meeting Dec. 5 to hear Mr. Norman L. Cheney of the Providence Cold Storage Company speak on refrigeration.

On Dec. 19 Mr. Philip W. Ayers, state forrester of New Hampshire, will speak of the proposed forest reserve in the Appalachian and White mountains.

The Society of Arts meets at 7.30 P. M. on the first and third Thursdays of each month in 22 Walker. All students interested are invited to attend.

BUFFALO ALUMNI HOLD ANNUAL FEAST.

The annual dinner of the Buffalo Alumni Association of the Institute was held last week at the University Club of that city. M. B. Patch 1872 presided. Pres. Park of the University of Buffalo gave the principle address of the evening.

ACTORS WILL GIVE STUNTS SATURDAY.

TECH SHOW KOMMERS AGAIN THIS YEAR.

Successful Experiment of Last Year Will be Repeated.

Another "Tech Show Kommers," following the example of the one which proved so successful last year, is to be given at the Union Saturday evening, Dec. 7. The idea of giving a dinner to the students of the Institute, particularly to the Freshmen, to explain about the Show originated last year and succeeded in getting out a large number of candidates for the Show, besides making a pleasant and enjoyable evening.

At the Kommers this year, the profits of last year's show will be announced.



C. J. BELDEN

As "The Widow" in "William, Willie, and Bill."

Bursar Rand, Dean Burton, and Mr. Blachstein will speak, and the management will explain the purpose of the Show and what it means to be on it.

Various members of the cast of the Show for the last three years will do their stunts, and to judge by the success of this feature last year, it should form a very interesting part of the program. C. J. Belden 1909, as "The Widow" in "William, Willie, and Bill," will be prominent.

Scores of "The Freshmen" of two years ago which contains "The Cardinal and the Gray" and of last year's show "William, Willie and Bill," containing "Dear Old M. I. T." and also the posters of those two shows will be on sale.

The tickets for this dinner will be on sale Monday in Rogers Corridor at 50 cents each.

BEQUEST OF \$9000 TO TECH.

Executors of Will of Lyman F. Rhoades Give This to Institute.

The Institute has received a bequest of \$9,000 from the will of Lyman F. Rhoades. The will gave the executors full power to apportion \$100,000 between educational and charitable institutions. Among the other recipients are Boston University, \$20,000. Massachusetts and Rhode Island Y. M. C. A. \$5,000, and several New England secondary schools.

SEVERAL SENIORS HAVE BEGUN THESIS WORK.

MECHANICAL AND ELECTRICAL INVESTIGATIONS ARE BEING CONDUCTED.

Tests on Air Friction, Locomotives, Smoke Consumers, Water Pumps, and Electrical Currents Will Be Written Up.

Subjects for theses in the various courses have been selected by many of the men. Although thesis work will not begin until next term, the consideration of various suggested lines of research is well under way and in another month practically every Senior will have settled on the general outline of his thesis.

In electrical engineering A. G. Place 1908, E. A. Plummer 1908, and H. C. Pattin 1908 will run a test on an electric switching locomotive. They will work in the factory and yards of the Whittin Machine Works, Whittinsville, Mass.

Among the graduate students Anthony and E. L. Moreland are investigating surges as they affect transformation from two phases to three phases. N. C. Willey 1906, graduate in naval architecture, is working on single phase motors.

In mechanical engineering several important theses are definitely planned. There will be a thesis on the friction of air flowing through pipes and the loss of pressure due to elbows and bends. This investigation is quite complex owing to the difficulty of measuring the volume of air passing through the system. The apparatus has been completed.

A test will be made on a pump lately designed for draining mines. The pump raises water to a high head with low pressure of air. It consists of two chambers from which the air is forced by displacement. The discharge column is a mixture of air and water. The pump on which the thesis test will run raises water 90 feet under 20 pounds air pressure.

Two men will make a comparison of the different smoke consuming devices. A test will be made of Curtis Turbines at the United Shoe Machinery Company's plant, Beverly, Mass.

INTERCLASS FENCING TONIGHT.

Fencing Club Gives Second of its Exhibitions.

This evening the second monthly exhibition of the Fencing Club will take the form of an informal interclass meet between the Junior, Sophomore and Freshman classes. There will also be a contest with duelling swords between R. Gallegos 1910 and Capt. E. M. Loring 1909, and another between Gallegos and Mr. Cushing. Mr. Fournon's rooms accommodate about 40, and a large proportion of those present will probably be ladies.

This interclass meet is the first of its kind and most of the contestants are beginners. The Junior team is overwhelmingly superior even though members of the varsity team are not allowed to enter the contest. In the case of the other classes there were so few in the club that there was no chance for selection. The meet is principally to accustom the members of the club to fencing before spectators and to show all who are interested what the club is doing. To the individual winner of the meet will be awarded a ribbon with the privilege of wearing it on his sleeve for one month.

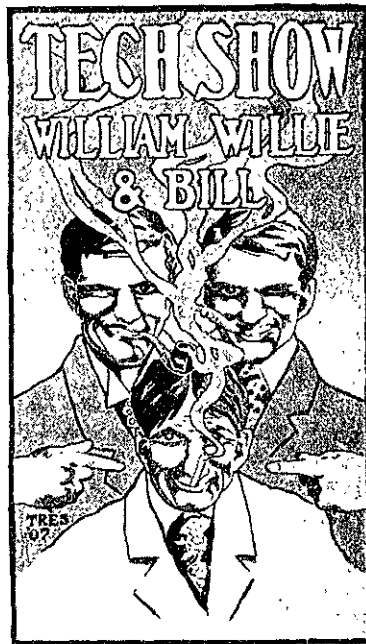
The program will consist of twenty-seven one-minute bouts, each man fencing with the six men of the two opposing teams. The teams are: 1909, V. C. Grubnau, R. Chinchilla, M. Nickerson; 1910, R. Van Eetvelde, B. Jones, D. Clapp; 1911, L. G. Glazier, W. B. Jones, and W. Doane. Admission tickets may be obtained free by leaving note at the Cage for V. C. Grubnau, secretary.

SHOW OFFERS TEN DOLLARS IN PRIZE.

POSTER DESIGN WANTED.

Competition Will Close on Jan. 9, 1908.

Tech Show has announced that the competition for the poster for this year's play, "Over the Garden Wall," is to close on Jan. 1, 1908. The poster is to be 14 by 24 inches, but the drawing must be 28 by 40 inches.



POSTER, TECH SHOW 1907

Designed in Competition by Very 1907.

Two colors alone are to be used in connection with a line drawing, and the management requires that the drawing must be strong and the tones flat. The words, "Tech Show, Over the Garden Wall," must be included in the design. A prize of \$10 will be awarded for the best drawing submitted and the management reserves the right to retain the successful drawing, the others being returned. Further particulars regarding the play or the poster may be obtained from Clarence J. Brown 1909, 34 Rogers.

ARCHITECTS ELECT MEMBERS.

Eleven Seniors and Juniors are Honored.

At a meeting of the Architectural Society Friday afternoon the following men were elected members, C. A. Brown 1908, S. O. Clements 1908, A. M. Emerson 1908, C. B. Ford 1908, M. P. Meade 1908, E. M. Price 1908, H. M. Glazier 1909, V. E. Seibert 1909, T. G. Machem 1909, W. A. Meador 1909, and W. M. Van Valkenburgh 1909.

BUILDING 710-FOOT CONCRETE SPAN.

Hendrik Hudson Bridge to be Maximum Limit Yet Reached.

The boldest project ever attempted in concrete bridge work is the enormous arch of reinforced concrete which, constituting the central feature of the new Hendrik Hudson memorial bridge at New York, has a clear span of 710 feet. The entire bridge is 2,840 feet long and besides the central arch is made up on one side of three and on the other side of four 100-foot full centered arches with wide piers and elaborate approaches.

It is estimated that in the main span will be about 12,000 tons of structural steel and 47,000 cubic yards of concrete. The bridge will carry a driveway, promenade, and four car lines. The maximum height is 217 feet with four 300 foot towers which flank the main arch. Its breadth is 80 feet.