

TECHNOLOGY FACES AMHERST SWIMMERS IN FIRST HOME MEET

Rivalry Between Engineers and Lord Jeff Promises Close Contests

VISITORS HAVE EDGE IN DIVE COMPETITION

Cardinal and Gray Strong in Back Stroke with Two Veterans

A hard battle is expected in every event from the opening 50 yard dash to the relay race climax, when the Technology swimming team meets the natators from Amherst in the Boston Y. M. C. A. tank tomorrow evening.

This is the first home contest for the Engineers and they seem to have a picked a scrappy match for the first dish of the winter swimming menu. Two years ago Amherst won by one point. Last year Technology won by three. Many veterans will take part on both sides, and the doings right after 8:15 o'clock promise to be as hot as an intense rivalry can make them.

Palmer Swims 50 Yards

Barker and Spear, for Lord Jeff, and Nip Marsh and Earl Palmer, for the cardinal and gray, will start the evening's excitement in the 50 yard dash. Barker is the best Amherst sprint man, and he competed all last year, entering the New Englands as a member of the relay team. His running mate is a freshman of last year, who had been showing well.

In Marsh and Palmer the college swimmers encounter a veteran pair. Both Nip and Earl took part in every meet last winter and they are dependable performers. Palmer has been taking part in the 220 for this contest. Coach Herb Holm decided to move him down to the 50 yard.

Amherst Strong in Dives

Both of the 220 yard performers for Amherst are green in varsity ranks, though considerable confidence seems to be placed in both Reed and Myron by Coach R. F. Melligen. Brown and Dave Evans, who will answer the gun for the Engineers are two more veterans. They have been training steadily and in the trials yesterday showed that they were able to go through the grind and have a sprint left at the end.

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NEW AIRPLANES FOR AERO UNIT IN SPRING

Men Instructed in Rigging, Motors, and Radio

Fifteen airplanes will be available this spring for the First Aero Unit of the Massachusetts National Guard, in which there are twelve vacancies which may be filled by Technology students. The officers in charge of the unit are desirous of enrolling technically trained men. A ground school will be conducted, through classes held once a week, which will closely parallel the work given in the Aero Unit of the R. O. T. C. The enlisted personnel will form the nucleus from which future officer material will be selected.

Enlistment Period Three Years

At present the organization consists of 18 officers and 72 enlisted men. Its efforts are being directed towards instruction in airplane rigging, airplane motors, aerial photography, radio, and machine guns. Two men will be eligible each year for training at an army flying school and two for West Point. The commanding officer, Major C. H. Woolley '16, states that technically trained men are particularly well fitted to join the unit regardless of previous flying experience. Members of all classes in the Institute are eligible to join. The period of enlistment is for three years, though those members who do not come from the vicinity of Boston may be discharged if their term has not expired by the time they graduate from the Institute.

The planes available for the unit include JN4 training planes, DeHavillands, and a pursuit machine. The unit will fly from the new South Boston flying field. Its headquarters are at the South Army on Irvington Street, where detailed information concerning the unit may be obtained from either Capt. H. M. Carlson '13, or Lt. W. P. Muther '13.

T. C. A. ACTIVE IN NASH MEETINGS' PREPARATION

Letters and Blotters to All Students Announce Next Week's Talks

Thursday was a busy day in the T. C. A. office with preparations for the Nash meetings going forward in full force. Over 3000 letters were typed, folded and placed in envelopes to be sent to all the undergraduates and all the Faculty of the Institute, telling about Mr. Arthur Nash and his visit here the first of next week.

The problem of industrial relations which has been solved in the A. Nash Company's factories is one of great interest to engineers and is being brought to Technology by the man who was the first to solve it and bring any lasting success. It is the story of this success and the methods which brought it about which are to form the material for Mr. Nash's talks next week.

Will Distribute Blotters

In order to arouse the attention of more members of the freshman class to these talks, a cabinet of 60 freshmen has been formed and will meet this afternoon in the Faculty and Alumni room at 5 o'clock. D. A. Shepard '26, freshman member of the Executive Committee on the Nash meetings, is then to outline to them their part in the plans.

Calendar blotters showing the date of the talks and clippings from the New York Times of January 19, concerning a talk Mr. Nash delivered before the Aldine Club in New York, are to be distributed at the doors of the Institute Monday morning.

RUMORS CONCERNING NEW GYMNASIUM UNFOUNDED

Committee on Subject Has Not Yet Had Meeting

Reports which appeared recently in several local newspapers regarding definite plans for the erection of a new million dollar gymnasium were entirely unfounded. The committee appointed by the Alumni Council Monday to consider the matter has not had its first meeting yet.

At the Alumni Council meeting the discussion was devoted to future improvements regarding dormitories and athletics. The committee mentioned above was appointed as a result of the discussion, for the purpose of considering and making a definite report concerning the improvements. The resolutions formulated by this committee will be presented at the meeting of the Alumni Council next month.

MATRONS SELECTED FOR DORM DANCE TONIGHT

Morey Pearl's First Orchestra To Play

Final arrangements for the first Dorm Dance of the term were completed Tuesday afternoon when the matrons for the dance were chosen. They are Mrs. Horace S. Ford, Mrs. Arthur A. Blanchard, and Mrs. David A. D. Odgen. The dance which will be held this evening in the main hall at Walker promises to be one of the best so far, according to the plans of the committee. The following men have been chosen to act as ushers, G. P. Davis '24, F. A. Hooper '24, Clarke Williams '24, and A. G. Hall '25.

The dance will be featured by Morey Pearl's first string orchestra and as a special novelty, a request dance in which the orchestra will play any music desired by the dancers. During the intermission a number of musical selections on the piano will be played by D. K. Grant '25, and O. H. Davol '24.

Tickets for the dance may be obtained from any member of the committee at the price of two dollars.

ARCHITECTS NUMBER OF VOO DOO OUT IN MARCH

This year the Architects' Number of Voo Doo is scheduled to appear in March. Material is already being received for publication in this issue. The Voo Doo board wishes contributors of additional material to submit it as soon as possible before March 1. The February Voo Doo has already gone to press.

M. I. T. RADIO SOCIETY HAS 50 METER AERIALS

New Equipment for Use in Short Wave Experiment

The construction of two new caged aerials, each 32 feet long to be used in short wave experiments on 50 meters has just been completed by the M. I. T. Radio Society. The experiments are to be conducted with radio 8XK. Work on the permanent installation of the society's new 250 watt transmitting tube is practically complete.

The tube which is being installed has already shown itself capable of producing results. During the recent Transatlantic tests its signals were heard in England and France, and were also reported from the Pacific Coast.

Members of the radio society who wish to go on the trip to the factory and laboratories of the General Radio Company are to meet at the radio station, building 35, at 3 o'clock Tuesday.

SPEAKERS DEBATE ON RING FOR TECHNOLOGY

Final Decision Is in Favor of Standard Insignia for Graduates

The Technology ring was the subject of discussion at the meeting of the Speakers Club last Tuesday. Before a large attendance, six speakers argued the proposition, "Resolved, that Technology should adopt a standard ring for Seniors and Graduates." After the debate the club decided by a vote of 7 to 2 in favor of the arguments of the affirmative. H. W. Dexter '23, assumed the chair during the debate.

The affirmative team consisted of Miss Helen Hardy '24, A. M. Kallet '24, and P. R. Plant '23, and attempted to prove: first, that a general insignia for Seniors and Alumni would be desirable; second, that of all forms of insignia a ring is the most satisfactory; third, that a standard ring would succeed at Technology. A general insignia would aid in continuing college friendships by breaking down conventions since it would constitute an introduction in itself. The ring would be well received at the Institute if the straw ballots which have been taken indicate anything. Seventy-five per cent of those who have voted have been in favor of a ring.

Describes "Attractive Address"

E. L. Quirin '24, J. G. Tribull '23, and A. F. Flourney '23, who argued for the negative, brought out that the Technology seal, which already exists, constitutes a standard insignia and that a ring would be a useless expense.

Mr. H. P. Cahill, who is giving the club instruction in the art of public speaking, spoke on the "Attractive Address." Among other things he said that the elimination of monotonous voice is accomplished by variety of pitch and speed, pause, emphasis, and color.

The Tuesday class in G. S. 46, Public Speaking, was taken over by the Speakers Club. H. B. Gray '23, and F. O. Billings '24, spoke on the value of public speaking, and W. B. Coleman '24, waxed somewhat atheistic in an oration on "Death."

Several other members of the Club delivered short addresses.

At a directors' meeting last Tuesday, H. B. Gray '23, and E. H. Miller '23, were admitted to the club.

PSYCHOLOGY TESTS FOR JUNIOR FRESHMEN HELD

Psychology tests were given Thursday afternoon to the junior freshmen, and also to members of the regular freshman class who did not take the tests given the class last term. The last term tests were given in the drawing rooms in building 3. Those held Thursday were in room 10-250.

Prof. Jackson tells of the prominent men that have graduated from the Electrical Engineering Department in his article on

Course VI Alumni appearing on the editorial page.

MECHANICAL ENGINEERS MEET WITH A. S. M. E.

President Stratton and A. H. Ballard Will Address Joint Meeting

On Friday, February 9, the Mechanical Engineering Society is going to hold a joint smoker with the Boston Section of the American Society of Mechanical Engineers. This will be held in room 5-330 at 8 o'clock. The members and their guests will be addressed by President Stratton and Mr. A. H. Ballard of the Ballard Oil Equipment Company of New York. Mr. Ballard will speak on "Fuel Oil" and his talk will be followed by a half hour period for questions and discussion. Invitations have been extended to the Mechanical Engineering Societies of Tufts, Harvard and North Eastern Colleges. There will be comedies and other entertainment furnished by the musical clubs.

Members of the society who have not obtained both membership card and certificate are urged to do so at once. They may be obtained any day from 12 to 1 o'clock in room 3-312. There are also a few pins available. F. S. Hungerford '24, and R. E. Reid '24, are now assisting with smokers and trips and A. J. Goldberg '24, N. A. Springer '24, and G. L. Witham '24, with publicity. F. F. Lange '22, has been elected vice-chairman to fill the place left vacant by F. R. Hassler '23.

MUSICIANS JOURNEY TO HAVERHILL FOR CONCERT

Dance to Follow Tonight's Program at City Hall

This evening the Combined Musical Clubs journey to Haverhill for the first local concert of the month, where they will appear at the City Hall, under the auspices of the Agawam Club. A dance has been arranged to follow the concert, which is to begin at 8 o'clock, and the club's Jazz Band is to provide the music for the dancers.

The members of the clubs leave North Station at 5:30 on the train for Haverhill. The management also wishes to announce that the tickets for the next concert, at Symphony Hall, February 9, are now available at the club's office, room 310 Walker Memorial. Applications for tickets to this concert have been mailed to alumni in the vicinity and to members of the Faculty.

SIGNAL UNIT CHOOSES TENTATIVE PROGRAM

The staff of the Technology Signal Battalion met last Tuesday afternoon in room 3-310 to discuss their program for the next two terms. A few minor changes were made in Field Order number 1, the constitution of the Battalion, and the matter of stimulating the interest of the Sophomore class in the Battalion was taken up.

The program for the two coming terms contains both smokers and trips. The first event consists of a smoker which will take place in about two weeks. There may also be a trip this term but no definite time has been set as yet. Next term a smoker and two trips have been decided upon, one of which is a trip to the Central Traffic Office of the Western Union Telegraph Company and the other is a trip to one of the New England Telephone and Telegraph Company's machine switching telephone exchanges.

The next meeting of the staff will be Tuesday, February 13, and the program will be made more definite.

RENSSELAER PROFESSOR VISITS LABORATORIES

With a view of obtaining information regarding the latest ideas in laboratory apparatus and equipment, Professor W. P. Mason of the Rensselaer Polytechnic Institute of Troy, N. Y., made a tour of inspection of the Technology mining laboratories yesterday afternoon. Prof. Mason is the head of the Chemical Engineering Department at Rensselaer, and was a great friend of the late Prof. Sedgwick. He stated that Rensselaer has decided to install a Department of Metallurgy, and that he has been spending his vacation visiting the different installations of mining equipment in the engineering schools of the East. He has just visited Harvard, but said he was unable to find what he was looking for there. He expressed himself as being very well pleased with the local equipment.

TWO RELAYS FACE RIVALS IN B. A. A. TOMORROW NIGHT

Mile Team Meets Crimson Four in 2-Mile Three Cornered Fight

EDDIE HEAP COMPETES IN ALL STAR FIELD

Elmer Sanborn Forced Out of Mile Event to Fill Team Gap

With Millrose games now a back number, the mile relay is looking forward to its next race which will come when Technology meets its old rival, Harvard, at the B. A. A. games that are to be held tomorrow night at the Arena.

Although beaten at the Millrose meet, the team made an excellent showing and when it is remembered that the team which the quarter milers ran against was a totally veteran one which defeated last year's speedy quartet, the outlook for the future is not gloomy. The incentive to make a better showing will be greater tomorrow too, for the Engineers are out to keep up the good work that has been done in the last three years in defeating Harvard at the B. A. A. games.

Speedy Team Developed

In spite of the fact that the mile relay is an entirely new outfit Coach Kanaly has developed a fast quartet and with Captain Art Smith and Glen Bateman leading, the team as a whole is speedy and ought to bring home a victory.

Harvard Has Fast Men

Harvard has some good men on her relay this year, however, and with Vin Chapin, Billy Burke, Merrill and Percy Jenkins as a few of the men to pick from, it can be seen that Captain (Continued on Page 3.)

SENIORS TO CONDUCT ANNUAL BOILER TEST

Course II and XV Seniors Will Collect All Data

Beginning at noon February 7, an efficiency test of the Institute boiler plant will be conducted by the members of the Senior Class taking Course II, and Course XV, option 2. The test will be run under full operating conditions and will continue until 6 o'clock, Saturday morning, February 10.

The amount of fuel used will be weighed and checked with the preceding hour. The feed water will be weighed at a definite interval of time which will give a check on the amount of water being evaporated per hour. All ashes will be deposited in a container suitable for weighing them. Four boilers will be included in the test which will require detail work of accuracy on the part of the Seniors. The data collected will be compared with that collected last year by the Class of 1922.

CALENDAR

- Friday, February 2
- 5:00—Talk on Course XIV by Professor H. M. Goodwin, room 4-231.
- 5:10—T. C. A. Bible Study group, Mount Vernon Church vestry.
- 8:00—Dorm Dance, main hall Walker.
- Saturday, February 3
- 8:00—Mid-Winter assembly of the Faculty Club, Walker.
- Monday, February 5
- 4:00—Arthur Nash talks, main hall, Walker.
- 4:00—Civil Engineering Society talk, room 5-330.
- 5:00—Talk on Course XV by Professor D. R. Dewey, room 1-190.
- Tuesday, February 6
- 4:00—Arthur Nash talks, main hall, Walker.
- 5:00—Talk on Course IV by Professor William Emerson, Commons room, Rogers Building.
- 6:00—Vectors' dinner, Faculty dining room, Walker.
- Wednesday, February 7
- 4:00—Arthur Nash talks, main hall, Walker.
- Thursday, February 8
- 8:00—Civil Engineering Society dance, north hall, Walker.
- 5:00—Talk on Course IX by Professor C. L. E. Moore, room 10-275.
- Saturday, February 10
- 3:00—Walker Memorial Committee tea dance, main hall, Walker.
- 8:00—Freshman smoker, main hall, Walker.