

SPRING TRACK MEET TO BE HELD FRIDAY

Large Number of Entries Assure Exciting Races and Close Results — Senior Class Not Well Represented

RELAY RACE TO FEATURE

The annual Spring Interclass Track Meet will be held Friday morning of Junior Week at 10.30 o'clock. An especially large number of entries have been made, and therefore the meet promises to be very interesting. The Senior class, however, will not be well represented, as many of its members have left the Institute.

One of the features of the meet will be the interclass relay race, in which each class will have a team of twelve men, each man running 220 yards. The dashes will bring out competition between the Sophomores and the Freshmen. Bossert and Ormon will represent the former, and Brittain, Evans, Junod and Newton will represent the Freshmen. In the quarter mile event Ormon, '20, Bardes, '21, Conant, '21, Junod, '21, and Scott, '21, will contend for the honors. The half-mile even will doubtless be the hardest contested and also the best race of the meet. McCarten, '19, won this race last year, but he will have trouble in repeating his victory this year. Bawden, '21, Bradley, '20, Brickett, '20, Couch, '20, Coughlin, '20, Hennessy, '21, and Westland '19, are all exceptionally fast men in this distance. The mile run looks a sure victory for Herzog, '19, but there are also some other good men in this event, including Caldwell, '20, Dorr, '20, Shepard, '21, and Stone, '21.

The two mile run will again bring together Halfacre, '18, and MacMahon, '20, who furnished a very exciting race last year. De Zubiria, '18, Carpentier, '21, Noyes, '21, and Jeney, '21, are also entered in this event. The entries in the hurdles include Goodridge, '19, Hurley, '22, Mills, '20, and Sheldon, '21. In the high jump, Ash, '20, is the favorite to win, but he will be pushed by his classmates Franck and Pierce, and by the Freshmen, Brimblecom and Emery. Ash, '20, Junod, '20, Pierce, '20, and I. H. Wilson, '20, will contend in the broad jump, while the pole vault will bring out Fletcher, '21, Pender, '20, Sheldon, '21, and Wood, '21. In the other field events, Ash, '20, Boghossian, '18, Burke, '20, Drew, '19, Kellar, '20, Raymond, '21, and Worcester, '21, will put the shot; Boghossian, Buckley, '20, Hays, '21, and Raymond will throw the hammer, and Drew, Kellar and Worcester will throw the discus.

Cups will be offered in nearly all of the events. The management wishes to call the attention of the students to the fact that this will be the only opportunity to see in action the members of the team that will meet Cornell on May 4 until the New England Intercollegiate meet about the middle of May, and urges a large attendance.

TECH SHOW NOTICE

The Tech Show Management would like 25 men to usher at the Boston performances of the Show, Sat. Apr. 20. Men who are willing to usher will receive remuneration for their services and the first 25 men to apply will be chosen. All men should leave their names at the Tech Show office immediately.

HAVE YOU A COPY OF THE TECH FOR MAY 12, 1917?

The Circulation Department of THE TECH needs a number of copies of Number 17, Volume 37, to complete its files. The Department must have these immediately and offers twenty-five cents a copy for the first three.

All Departments of Tech Show Prepared For The Performances At Northampton



TECH SHOW CAST

Back Row, Left to Right, Davidson, Wolfson, Wyse, Booth, Felsenthal, Nelson, MacGregory. Second Row, Left to Right, Britton, Parsons, Akers, Chandler, Coldwell, Harrington. On the Floor, Left to Right, Dooley, Nelles

The Sunday dress rehearsal which lasted within a few minutes of fourteen hours was very satisfactory, so satisfactory, indeed, that there will be no more rehearsals before the Northampton show except for the ballet whose costumes were not quite finished. The whole show was rehearsed twice and the last two acts three times. Scenery and lighting effects were tried out and finally arranged to the satisfaction of all concerned. The first scene which is in the fraternity house is done in browns giving a warm and pleasant setting to the first act. The second scene, the one in the Copley-Plaza, is

done in yellow, and though simple, is exceedingly effective. The scene centers on the elevator, which is at the back of the stage and looks very lifelike. However, some difficulty was experienced in getting the elevator to operate; people kept stepping on and off while the elevator was at the top floor and the dial refused to keep pace with the rest of the elevator. Eventually it was fixed up and no more trouble is expected. The third scene, in the garden, is also quite effective. Naturally the coloring runs to green and brown which seem to fade away to a blue in the dawn where the ballet

comes in. All in all the scenes are very satisfactory, thanks to the hard working committee and Brunton & Son, the scene painters.

Of the actual performance, there is more to be said. The talk songs came out especially well. Several new verses which have been written by MacGregory '18 contributed considerable to them and supplied at the same time a long felt need of encores. Charles Parsons' "Life is Full of Ups and Downs" and MacGregory and Nelson's "Business is Booming" have both worked out much better than before. Other songs which

(Continued on page 3)

GREAT COURT WILL BE SCENE OF SLAUGHTER

Technique Rush to Take Place at One O'clock Today—Contestants Must Pay for Books Before the Battle

TECHNIQUE BAND TO MOAN

Technique Rush, followed by the appearance of Technique 1918, will officially open the activities of Junior Week, this afternoon at 1 o'clock, in the Great Court. This year a much larger number of participants are expected than ever before, and therefore the spectators are assured of a period of carnage and strife which should surpass any in the history of the Rush.

Instituted many years ago, the Rush has gained in popularity each year as the first event of Junior Week, and proves each year to be a big drawing attraction to the spectators. Aside from its blood thrilling nature the event furnishes much amusement in the mild attempts of some of the participants to secure the coveted slabs. In previous years it has been the safe policy of many to hover on the outside until a favorable opportunity presented itself and then rush forward.

This year the Freshmen are expected to set the pace and it is almost sure to be a fast one judging from their escapades in September. For the benefit of people not connected with the Institute it might be stated that among these was a trip down the subway on foot.

Last year the Great Court was decorated with the national colors and the arena was patrolled by the Engineer Corps, adding a military flavor to the affair. However, it has been suggested that it would be more in keeping with the occasion to hang black crepe around, inasmuch as there are sure to be many casualties and violent deaths.

Much glory and publicity goes with a death, for the Technique has promised to bury all the dead, and the Tech will print their names with possibly a little eulogy. These are not so much intended as rewards as they are for the consolation and comfort of the bereaved ones.

In addition there will be Red Cross nurses to care for minor injuries, such as broken legs, necks, etc.

Immediately preceding the outbreak of hostilities there will be a mammoth parade led by the famous Technique Band, a world-famous organization of artists. This parade will be held about the Institute grounds and the Great Court, where they will be filmed by several moving picture machines which have made arrangements to be present at the Rush. The house containing the Techniques will be roped off and only the participants will be allowed to enter; many of these will wish that they had not been permitted to do so.

As in last year's rush, the competitors will race toward a circular turret—

(Continued on page 2)

CLASS CREW RACE

Three Representative Eights to Compete for Aquatic Honors

Tomorrow afternoon at 2.00 o'clock the annual Spring Interclass crew race will be held in the Charles River over the regular course between the Cottage Farm Bridge and the float in front of the Institute. The time which has been set allows plenty of time for the clearing of the field of carnage in the Great Court, where the Technique Rush is scheduled to take place at 1 o'clock.

In spite of the inclement weather the crews were out on the river last Saturday and spent a busy evening in preparation for the big event to-day. Everyone showed up exceedingly well and it is difficult to predict how the race is likely to go, but it is a certainty that it will be a closer one than the last one on Field Day. In this race the freshmen won over the Sophomores by a full two lengths, never being in danger of defeat from the start to the finish. The freshmen this spring have a heavier eight than last fall and have shown marked improvement so it is a certainty that this crew must be reckoned with today by the others.

The start of the race will be at Cottage Farm Bridge, where Coach Stevens will act as starter. The crews will row along the Cambridge side of the river, will pass through the third, fourth and fifth arches of the Massachusetts Avenue Bridge, and will finish in front of the boat about 50 yards below the bridge. It is about a mile from the Cottage Farm Bridge to the float and the crews

(Continued on page 3)

PREPARATIONS FOR JUNIOR PROM ARE NOW COMPLETE

Money Saved From Decorations to Be Invested in Liberty Bonds.

Preparations for the Junior Prom have now been completed. The Grand March will start at 9 o'clock, Friday evening, April 19, and dancing will continue until 12 o'clock, when dinner will be served. At 1 o'clock the dancing will be resumed, lasting until 4 o'clock. There will be two hundred and fifty couples present.

In accordance with an old tradition the Grand March, led by the committee, will form at the head of the steps, and will then promenade down the hall. The matrons and patronesses will form in line, and as each passes, the men will bow.

The matrons are Mrs. MacLaurin, Mrs. Rollins, Mrs. McCall, and Mrs. Munroe. Mrs. Jackson, Mrs. Talbot, Mrs. Burton, Mrs. Banks, Mrs. Smoley, Mrs. Hackett, Mrs. Doten, Mrs. Fleming, Mrs. Drew and Mrs. Ford are to be the patronesses.

The committee has decided that all proceeds are to be invested in Liberty Bonds. For this reason all unnecessary expenses will be avoided. There are to be no elaborate decorations; only the banners on hand will be used. However, there will be souvenirs for the ladies; vanity bags containing "all those use-

(Continued on page 3)

NEWS DEPARTMENT NOTICE

All men connected with the News Department of THE TECH are required to be at the office at 10 o'clock on Wednesday morning, April 17th.

SPRING CONCERT

Will Be Held in Somerset Tomorrow Evening at Eight

The Annual Spring Concert and Dance of the Combined Musical Clubs of Technology will be held at Hotel Somerset tomorrow evening at eight o'clock. The concert this year will open the social events of Junior Week and it is expected that there will be a very large attendance of the Institute undergraduates. The events of the evening will consist of a concert by the combined clubs, followed by the dance program, consisting of twenty numbers without extras.

In other years the concert and dance has been held at the Copley Plaza Hotel, but it was deemed advisable to have Hotel Somerset the scene of the affair this year. When the concerts were held at the Copley Plaza Hotel considerable difficulty was experienced during the dancing because of the lack of room, and accordingly the number of couples at this year's dance has been limited to two hundred and fifty. The music for dancing will be furnished by Bert Lowe's Orchestra of fifteen pieces. This orchestra has provided the music for several seasons at the larger social activities of the Institute and has been considered the most suitable organization for the Spring Concert. A wide variation to the music of the evening is assured by the fact that half of the musicians of the orchestra can play more than one instrument and their unusual ability is used to good advantage in supplying the dance music.

(Continued on page 3)

JUNIOR WEEK CALENDAR

TUESDAY, APRIL 16
Technique Rush—1.00 p. m.
Swimming Meet, Varsity vs. Freshmen, Y. M. C. A., 7.30.

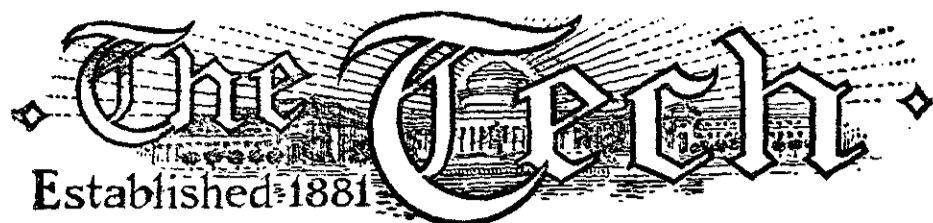
WEDNESDAY, APRIL 17
Crew Race—2.00 p. m.
Musical Clubs Spring Concert—Hotel Somerset, 8.30 p. m.

THURSDAY, APRIL 18
Tech Show, "Let 'Er Go"—Northampton, 2.15 p. m. and 8.15 p. m.

FRIDAY, APRIL 19
Spring Track Meet—10.00 a. m.
Junior Prom—Copley-Plaza Hotel, 9.00 p. m.

SATURDAY, APRIL 20
Tech Show, "Let 'Er Go"—Boston Opera House, 2.15 p. m. and 8.15 p. m.

MONDAY, APRIL 22
Tech Show, "Let 'Er Go"—Somerville Theatre, 8.15 p. m.



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Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. The Tech assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

The Editor-in-Chief is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

IN CHARGE THIS ISSUE

H. V. Howes '20.....Night Editor
 R. H. Smithwick '21.....Assistant Night Editor

TUESDAY, APRIL 16, 1918

MILITARY INEFFICIENCY

A WEEK or so ago, the Military Department told of some things that were to happen to a freshman who failed to salute an officer and dragged the reputation of the Institute in the dust by his insolence. To date nothing has happened, at least nothing that the rest of us know anything about. If the man has been privily reprimanded, the Military Department has lost a wonderful opportunity. If the man has not been discovered yet, it is a disgrace to the Military Department. It is a singularly inefficient Department that cannot locate one lone freshman.

This episode is a fair sample of the way in which the Military Department is allowing itself to be bluffed by the freshman. Why is it that, when most of the activities of that Department went on a war basis, the freshman regiment was left out? The second year R. O. T. C. units are reasonably efficient. The men are interested and the lectures have been practical and interesting.

With the freshmen it is another story. The discipline of the freshman regiment is wretched. Its cadets do not know, or fail to observe the first rudimentary principles of military courtesy. They are dissatisfied with the conditions of drill.

The fault lies not with the freshmen, nor with their cadet officers but primarily with the Military Department. The Military Department has been so lenient with the cadets that a reprimand is a joke. The lectures are extra sleep periods. Extra drill has been done away with. The penalty for a breach of discipline is to have your name taken. The cadets are told that they belong in the Institute more than officers who are our guests and that, for that reason, cadets need not salute these officers when the cadets are resting. When the Commandant enters a lecture hall, the men never dream of coming to attention. When they salute him in the halls he returns by raising one finger almost shoulder-high; a marked contrast with the other Major on duty here.

The lectures on Military Science should follow the course mapped out in the Catalog and the R. O. T. C. Regulations, with just as much precision, preparation, detail, and in the same spirit as lectures in Chemistry and Physics. The discipline there should be as good. The course should conclude with an examination. Five minutes a lecture should be sufficient for announcements and the lectures should continue their full hour. The men should come to attention when the Major enters the room.

The freshmen should be taught how to wear their uniforms. They should be made thoroughly familiar with the principles of military courtesy. There should be a real system of military punitive measures for infractions of discipline, and these should be rigidly enforced. A few men guarding the flag-pole would raise the morale of the Regiment wonderfully.

We do not believe that the freshmen would object to this sort of an innovation. Like all red-blooded Americans they must feel the call to arms. They must desire a real military course, given and taken in a military manner, with military discipline that will turn out military officers. They must have a hearty distaste for the present quasi-military and half boy-scout system.

At last the great week of the year is at hand. Forget your troubles, lay aside your cares, and make merry. You will then be able, upon resuming your duties, to do more efficient work for your school, your state, and your country.

LIBERTY LOAN CAMPAIGN IS NOW WELL UNDER WAY

The campaign for the third Liberty Loan at the Institute closed its first week with subscriptions amounting to \$13,450.00. This figure represents participation by faculty, undergraduates, and activities, as well as by the Institute itself; and there is every indication that the pace set thus early will be maintained to the end of the campaign.

The movement received a big impetus Friday evening at the regular meeting of the undergraduate finance committee. At that time the plan of the Institute Committee for subscribing through the activities was given hearty approval, and nearly every activity represented reported either that bonds had already been bought, or that official action had been taken authorizing such purchase.

In order to provide means for taking care of the bonds thus bought, the chairman was authorized to establish an Undergraduate Reserve Trust Fund, with the Bursar as trustee. The title to Bonds deposited with this fund will remain with the purchaser, to whom the interest will be paid by the trustee. In addition, arrangements may be made to borrow money from the fund for temporary use, or to sell the bonds in case of necessity.

From now on daily returns on the campaign will be posted in the main lobby. Here also will be an honor list of all the activities whose subscriptions have been received. Watch them both.

Bonds for the third Liberty Loan will be for the following denominations: 50, 100, 500, 1,000, 5,000, 10,000 dollars. They are issued for ten years at 4 1/4 per cent, non-convertible, and are not subject to call. Coupons will be payable September 15, and March 15.

Payments are to be made as follows: 5 per cent. when application is made; 20 per cent. May 28; 35 per cent. July 18; 40 per cent. August 15. Bonds up to \$10,000, if paid for in full at time of application, will be delivered within about one week.

The Cambridge allotment is \$3,451,000. However, if any students wish to purchase bonds and have them credited to their home city, they may do so through the Bursar's office.

The following figures give one a definite idea of what his or her loan to the Government by the purchase of Liberty Bonds will accomplish when used by the War Department;

One \$50 bond will buy trench knives for a rifle company, or 23 hand grenades, or 14 rifle grenades, or 37 cases of surgical instruments for enlisted men's belts, or 10 cases of surgical instruments for officer's belts.

A \$100 bond will clothe a soldier, or feed a soldier for eight months, or purchase 5 rifles or 30 rifle grenades, or 43 hand grenades, or 25 pounds of ether or 145 hot-water bags, or 2,000 surgical needles.

A \$100 and a \$50 bond will clothe and equip an Infantry soldier for service overseas, or feed a soldier for a year.

Two \$100 bonds will purchase a horse or mule for Cavalry, Artillery, or other service.

Three \$100 bonds will clothe a soldier and feed him for one year in France, or buy a motorcycle for a machine-gun company.

Four \$100 bonds will buy an X-ray outfit.

One \$500 bond will supply bicycles for the headquarters company of an Infantry regiment.

TECHNIQUE RUSH

(Continued from page 1)

shaped building with a slanting roof. Small slabs of wood, each bearing a number, will be pushed up through a narrow slit in the top of the roof of the fort; and it is for these slabs that the combatants will battle. Each contestant obtaining one of the slabs is entitled to a Technique signed by President Maclaurin, while the money will be refunded to those holding the first four of the twentieth boards.

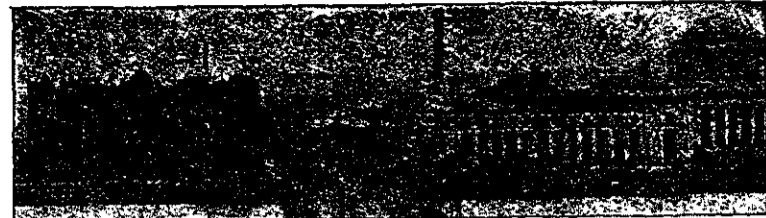
The men holding these last year were Wood '17, Goodridge '19, Turner '20, Porter '18 and Prescott '19, holding the first four and the twentieth books respectively.

Directly after the rush Technique 1918 will be distributed in the lobby where the Tech Show tickets are now on sale. The full \$2.75 including the 75 cents already paid must be remitted before the books will be delivered. All contestants are to form in front of the main entrance at 1 o'clock sharp, and must pay for their books before entering the rush.

CLASS OF 1918

Members of the class of 1918 who wish to have the themes written by them in 1st and 2nd year English may obtain them by applying at the office of the English Department, 2-263.

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GERMAN WAR PRACTICE

Destruction of the Library of the University of Louvain

From an article in the London Times of November 4, 1915, by M. E. Durham, quoting Professor Leon Van der Essen, who had recently seen the librarian, Professor Delannoy, who went to the spot August 27, 1914, to see whether anything could be saved:

"The Germans did not penetrate the building, but contented themselves with smashing the main window looking on the Vieux Marche. Through that window they introduced some inflammable liquid and fired a few shots, causing an immediate explosion.

"On the night of Tuesday, the 25th, a father of the Josephite College, which is located a few yards from the spot where the Germans smashed the main window, called the attention of the commanding officer to the fact that the building he was going to destroy was the University Library. The officer replied, textually, 'Es ist Befehl!' (It is the order.) It was then 11 p. m. These are the facts."

That our own Universities and Libraries have not suffered the fate of Louvain is due to the unbroken line of our Allies. To secure to all peoples, great and small, self-government and the peaceful use of learning, the United States is at war.

SCHOLARS may help by saving now to buy Liberty Bonds for themselves and counselling others to do so.

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NEW NAVAL ARCHITECTURE COURSE TO BEGIN MAY 27

To Admit Fifty Men Between Ages of 21 and 31—Experience Necessary.

A third intensive course in Naval Architecture has been established at the Institute under the supervision of Professor C. H. Peabody, head of the department of Naval Architecture and Marine Engineering. Unlike the previous courses, this one will be essentially for men who have had some experience in engineering work, field or office, yet do not possess the qualifications for the design of ships.

In answer to the previous courses Professor Peabody received applications from men already in the allied industries, who wished either to better themselves or to enter that branch of work. Letters were received from all over the country. The applications in these cases were rejected, for the courses as previously arranged demanded practically the grade of a Senior at Technology or some similar institution. It is evident that there are men in business who are sufficiently trained in engineering, so that with a short intensive course of this kind, they will prove a valuable asset to the government.

The course will be ten weeks in length and will begin May 27. Applicants must be between the ages of 21 and 31 years. The course will be undertaken for any number between a minimum of thirty and a maximum of fifty. Applicants are required to have a knowledge of mathematics including trigonometry and a fair experience in mechanical drawing. The fee for the course will be \$100, and the necessary books and appliances will cost about \$35. Applications should be made to Professor C. H. Peabody.

The success of the men who took the previous courses affords encouragement to the Institute in offering this opportunity to men who are properly grounded. The group of forty men who took the course last summer were taken over by the government in a body for special work in the navy yards, while the students now at work are assured of positions as soon as their work is completed.

PROVIDENCE CITY ENGINEER ADDRESSES COURSE 1 MEN

Last Friday evening the Civil Engineering Society held a meeting at which Mr. Frank Winsor, City Engineer of Providence, Rhode Island, gave an address on the operation of the water works of that city. He told of the great difficulties with which the constructing civil engineers had to contend when the water system was renovated some years ago, and the success with which the work was accomplished. It was due to the work of these engineers that Providence now possesses such an excellent water supply. The problems attending good filtration and pressure maintenance were also explained by Mr. Winsor in his talk.

After the talk, the opening of nominations for the officers of next year was announced. The officers to be chosen are president, vice-president, treasurer, all of the present Junior Class; secretary, assistant treasurer, of the Sophomore Class, and also two Juniors and one Sophomore to serve on the executive committee. Those nominated for the positions must have on their papers the signatures of at least ten members of the society in good standing. All nominations must be in the hands of the present officers of the society before April 20.

In conjunction with the other professional societies at the Institute, the Civil Engineer Society has decided to buy Liberty Bonds of the Third Liberty Loan with the money which they now have in the treasury.

The society will hold a meeting on April 24, at which an army engineer from Camp Devens will explain the relation in active service to army engineering of the work which is being done by civil engineers.

JUNIOR PROM

(Continued from page 1)

ful articles."

Fraternities will have their special tables for the dinner which are to be distinguished by their banners. All fraternities desiring a table be sure to hand in a banner with their name on it. Also any private parties having ordered a special table should hand in a card with all names on it.

Lowe's Orchestra will furnish the music for the twenty-five dances, four extras, and the Tech Show Special. During the evening the selections "Drifting," and "Oh Boy," from this year's and "Tech Blues" from last year's Show will be played.

The Junior Prom Committee, composed of W. H. Banks, chairman, E. R. Smoley, treasurer, R. Hackett, E. Doten, G. Fleming and S. Drew, deserves much credit for the manner in which it has made the preparations.

CREW RACE

(Continued from page 1.)

will have to do some fast rowing to equal the record made by the winners of the race last fall when the freshmen covered the course in an unofficial time of less than eight minutes. At that time, however, very little practice had been held so they were at a disadvantage.

The officials, Coach A. W. Stevens, Dr. A. W. Rowe, P. M. Dinkens '18, and P. W. Carr '19, will follow the race in the launch "John Harvard" which has been kindly lent to the Rowing Association by Harvard.

The shells which are to be used have also been loaned by Harvard, as rowing is quite a new sport at the Institute and the Association has been unable to secure new shells. It is intended to incorporate crew races in the Field Day program of events, so it is entirely likely that next year will witness Technology's own shells and motor launch.

Mr. A. W. Stevens of the Boston Athletic Association has coached the crews for the race today as well as for those last fall, and much credit is due him for the success of crew races at the Institute. He has devoted much of his time to training the men.

Insomuch as the war has called into service the major portion of the Senior class no crew will represent that class today, but all other classes will have their crews out.

Manager Loucks '18 of the Technology Rowing Association is responsible for much of the success of crew at the Institute. The other officers of the Association are M. Untersce '19, Captain; H. J. Daube '19, Assistant Manager; and J. J. Hinds, Second Assistant Manager.

The definite line-up of the respective crews have not been announced yet.

SPRING CONCERT TICKETS

(Continued from page 1)

The concert before the dance is to be of the usual snappy style of the performances of the Combined Musical Clubs, and is to contain many new numbers which have not yet been heard by the undergraduate body at former concerts of the clubs. The list of pieces includes many of the latest selections from the New York musical shows.

The clubs have had excellent preparation for this concert, due to the fact that they have presented the greater part of their selections at recent concerts throughout the state, at all of which they met with instant success. The Glee Club of this year has shown a much higher standard in its presentations than ever before, for it has succeeded in obtaining an excellent quota of singers.

The instrumental work is of even a higher standard than that of the Glee Club. In the recent concert at Wellesley the banjo artists gave an excellent exhibition of their unusual ability in the production of harmony. Prominent among the pieces of the concert will be several novelty stunts arranged by the different organizations. Probably the newest but most renowned of these is Harrington's Jazz Band, composed of eight musicians who have the remarkable faculty of either producing such tones as surpass even those of the world famed Technique Band or actually playing in good harmony. This band proved an exceptional success in its recent concert at Camp Devens, and it is expected that it will prove a feature of the evening.

Another feature will be the xylophone solo by Carleton T. Proctor '20, whose performance on that instrument has been equalled by few soloists in the history of the musical clubs. Anticipating the great demand for a reader, the clubs have obtained as a speaker for the concert Lawrence W. Conant '21, whose success in Institute functions of the past has been marked. Because of a lack of good individual musical talent no quartette numbers have been included in the programme of the evening. During the intermission at midnight, dinner will be served in the Somerset Dining Room.

The usual system of finding partners will be taken advantage of by means of letter booths distributed throughout the hall. A man will meet those with whom he has exchanged dances at his own stand when their names come at their stands alphabetically, and at their stands when their names come before his.

CREW NOTICE

The annual "Spring Class Crew Race" has been postponed on account of the bad weather during the last few days. Instead of Tuesday at 4.30 o'clock the race will be held on Wednesday at 2.00 o'clock sharp.

The Rowing Association has had a rather hard time getting on a sound basis. The expenditures have been high, and the income rather low. The authorities are awaiting the outcome of this race before giving larger appropriations to the association; they will watch closely the interest shown by students in Tuesday's event.

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TECH SHOW

(Continued from page 1)

will probably bring particular applause are Parsons' and Britton's "Quaker Miss" and "Oh Boy" and Booth's and Wyse's "Sneaky Number."

The costumes, with but one or two exceptions have been made under the direct supervision of Miss Gretchen Palmer '18 and she deserves great credit for the work she has done. The costumes are excellent and throughout the rehearsals she has taken excellent care of them, which has been by no means an easy job. The makeups at the dress rehearsal were infinitely better than at the time when the pictures were taken. This was especially so in the case of the chorus; many people in the audience (composed mainly of members of the other departments of the show) remarked on the fact that the show had a very pretty chorus. Certainly they did look better than the choruses of some of the "first class" shows which have been in Boston this winter. When the rehearsal was finally over, Mr. Duncan said that he thought the show would get away well, and several who have seen the last two shows have declared "Let 'Er Go" to be the best of the three.

Owing to a typographical error in the last issue of the Tech a little confusion has arisen about what time individuals are to show up for the various performances. Unless otherwise informed the cast, chorus and ballet are to be at the theatre at 12:45 p. m., for the afternoon performances and at 6:45 p. m. for the evening performances. The orchestra is to be in the orchestra pit at the theatre at 1.30 p. m. for the afternoon performances and at 7:30 for the evening performances. Members of the above departments must be on time. Also don't forget that the train for Northampton leaves South Station at 7:05 a. m. and leaves Trinity Place at 7:08 a. m. Thursday.

Those who have ordered pictures of the show from the management will probably have to keep on waiting some time for them. The photographers have made several mistakes with the pictures, and as all the finishing work and printing is done in New York it is difficult to get the matter straightened out promptly. However, if the pictures have not come in time to be given out at the last performance of the show, notice will be posted on the Bursar's bulletin board when and how they can be had. Ballet members please take notice of the ballet rehearsal on Tuesday at 7:00 p. m., probably at the conservatory.



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BASEBALL

The Dormitory Baseball teams have chosen their captains and already have commenced their season. The Holman team, piloted by P. Swasey, '19, defeated Runkle, led by M. Manley, '21. W. Barron, '20, led the Nichols teams to a victory over the Atchison team under H. Daube, '19.

From present appearances Nichols prospects of being the champions of the season are very good. However, each team has five more games to play, and inasmuch as there is now a silver cup at stake, great improvement is expected from them all. The cup has been offered by Mr. Rupert, proprietor of the Tavern Lunch Room, on Ames street, not far from the Dormitories.

Freshman baseball would have started Saturday if the weather permitted, with a game with St. Marks. Manager Murphy has overcome the handicap of the lack of funds by taxing each freshman 10 cents, which means \$20 has been raised to pay their expenses. The schedule has not been definitely made up, so if any team wants a game please communicate with Manager Murphy. The lineup is c., Barker, McDonald; p., Bachmann, Johnson; lb., O'Hern; 2b., Miller; 3b., Crowley; ss., Bill Howe; the field is covered by Jensen, Fruch, Povah and Ahern. Of these O'Hern, Howe and Povah show up the best.

CONCERT TICKETS

Because of the few house parties at the various fraternities, their reservations have been considerably smaller this year than formerly, and correspondingly the tickets for the concert have not all been sold. A few are still obtainable at the Technology Branch on Massachusetts Avenue at regular prices. The price of the ticket is two dollars including the war tax which will be paid by the management. The concert will begin shortly after eight o'clock and no reservations can be held after that hour.

APPOINTMENTS MADE FOR T. C. A. STUDENT COMMITTEES

D. K. Webster '19 has been appointed chairman of the Freshman Advisory Committee of the Technology Christian Association. All of the advisers have not been selected, but the list will be completed soon and will then confer with Dean Burton to receive instructions in their work of aiding the incoming freshman class.

The last of the Discussion Groups held in the Caf under the T. C. A. will be given this afternoon with Professor Haven in charge. The other groups will continue as formerly, and the leaders released from the Caf groups are to take charge of several groups in the fraternity houses.

Another appointment that has been made recently is that of Albert Calvert '20, who is to act as chairman of the Friendly Relation of Foreign Students Committee.

INTER-FRATERNITY BASEBALL

Three games of the inter-fraternity baseball series have already been played. Delta Tau Delta beat Delta Upsilon 20-7. Alpha Tau Omega beat Theta Xi 18-2. Kappa Sigma defeated Sigma Alpha Epsilon 7-2.

Phi Gamma Delta, Lambda Phi, Chi Phi, and Delta Psi are not represented. Owing to the withdrawal of Lambda Phi from the series, the schedule can not be printed this week with any degree of certainty. The teams are divided into three leagues; the winners of each, will meet in the semi-finals; the winner of the last game will receive the cup which is now in the possession of Theta Delta Chi.

FINANCE COMMITTEE

All members having files in the finance committee office are notified that the auditing committee headed by Prof. Shugrue is soon to begin its work. New keys to the files have been received, and may be obtained from the chairman. All material necessary for an audit must be in the files before May 1. This material includes the cash book, ledger, receipt book, stubs, bank statements, receipts and receipted bills, and cancelled checks.

SHOW ISSUE OF THE MONTHLY MAKES ITS APPEARANCE

All Technical Articles Give Place to Stories of General Interest.

This month's issue of the "Technology Monthly" is one of the best ever put out. Its appearance is improved by a special cover purposely designed for Junior week and its contents, being void of all technical news, is improved by devoting its space to the Tech Show and Junior Week events.

Pictures of the whole cast of the show; special cuts of Akers '20 and Chandler '19; C. J. Parsons '19 and Britton '19; Coldwell '21 and Harrington '18; a Swimming Team cut and one of Capt. Untersee '19, and Manager Scheeline '12, are in the issue.

One of the most interesting articles is "Show Gossip as Heard by the Elevator Boy during the Day," or in other words the jokes and incidents heard behind the scenes. Another good part is a short story by Raymond Collier '20.

A letter from a former Technology man, who is now in the aviation corp in France, tells of the training there. An article on the Book Reviews in the Main Library; and a big series of cartoons on the Smith College Girls and the rest of Junior Week events completes the issue.

WAR SERVICE AUXILIARY REQUIRES WOMEN WORKERS

The Technology War Service Auxiliary is continuing to do its splendid work of helping the men in service whether or not they happen to have been affiliated with the Institute. So far fifteen women have been working regularly at the Auxiliary rooms on Boylston street, but Mrs. Mary T. Sedgwick, Director, has sent out a call for more helpers as these who are already working faithfully are but half enough to carry on the work. These new war workers must either be Technology women or else recommended by some one connected with the Institute.

So far fourteen thousand dollars have been subscribed to the Auxiliary and about thirteen thousand of this has been expended for some relief work or another. Almost twelve thousand articles of some description have been forwarded either over seas or to men located at government schools and hospitals in this country. The women now engaged in this work can not fulfill their mission of mercy with sufficient speed and hence it is absolutely necessary that more volunteers be obtained.

At the request of Captain Charles G. Mixer '02, a doctor in one of the French hospitals, relief is being sent weekly to women and children huddled in cellars near the front and leading a most despicable existence. Trunks have also been forwarded to the American University Union in Paris.

Many letters have been received from men in the service both at home and abroad expressing their deep appreciation of the work accomplished by the Auxiliary. There are now 2,070 Technology men in National Service registered with the Auxiliary.

STUDY OF SOAP FILMS PROVES SUCCESSFUL IN AERONAUTICS

It is surprising to learn that the study of soap films is of scientific value in mechanical engineering. This has been demonstrated very recently at a British aeroplane factory where difficult torsion problems have been solved by an unusual method. Soap films are used in determining the stresses and torsional stiffness of twisted bars and shafting. Particular importance lies in the fact that the method is successfully employed irrespective of the member under scrutiny. It appears that the equations expressing the torsion of any elastic bar correspond exactly with those representing the displacement of a soap film when covering an aperture of the same cross section in a flat plate and subjected to a slight pressure. Accuracy is vitally necessary in aeronautical calculations and a simple method of determining stresses when complicated sections are involved, is of considerable moment.

CATHOLIC CLUB TO HOLD ANNUAL DINNER IN WALKER

The Catholic Club of the Institute will hold its final banquet on the 27th of April in the Faculty Dining Room of the Walker Memorial. At the present arrangements are being made for another dance to be given in the near future, although nothing definite has been decided upon.

The meetings of the club have been going on as usual, and several well-known speakers have delivered interesting speeches. Recently Father Ahern, head of the chemistry department of Boston College, spoke on the position held by the Pope in the European struggle, refuting many of the statements that have been made against the Pope by German diplomats and newspapers.

FINANCE COMMITTEE MEETING

At the regular meeting of the finance committee last Friday evening, reports were discussed for the preceding month. Reports were submitted by all the activities except the Class of 1918 and Tech Show. The Woop Garoo received its first formal recognition as an Institute activity, its representative being seated at this meeting as a member of the committee. Its report showed that its financial condition was good.

"Liberty Bonds" was the theme running through the whole evening. At several points various members outlined their ideas as to the best way of boosting subscriptions at the Institute, and everyone speaking pronounced themselves strongly in favor of doing everything possible for the success of the campaign.

The next meeting of the committee will be Tuesday, May 14. Reports as usual will be due on or before Tuesday, May 7.

The following is the sixth of the series of Finance Reports now being published:

Technology Christian Association.	
Year ending Mar. 31, 1918.	
RECEIPTS	
Balance, Sept. 15, 1917	\$86.94
Dues	264.25
Advertising	361.23
Sale of books, book exchange	33.95
Subscriptions	30.00
Book exchange	601.70
Return of summer expense money	43.25
	\$1421.34

NEW PIER TO BE BUILT OPPOSITE THE INSTITUTE

Will be Forty Feet Square Supported Thirty Inches Above Water Level.

Technology is about to build a pier in the Charles River Basin against the embankment wall directly in front of the Walker Memorial for the use of the Naval Aviation Detachment. The need of the Naval men for an opportunity to land from their boats and cutters is the prime reason for this improvement, and the concentration of the aviators at the Walker Memorial is the point that has determined its location. The new pier will add to the picturesqueness of the river front and will be of greatest convenience to the Government in handling its important Naval School here.

The landing will be a platform forty feet square butted against the retaining wall of the Basin, solidly supported on five rows of oak piles, and will be thirty inches above the water level. The piles will be a foot in diameter, while the fenders and their companion piles up and down the Basin will rise to a height of four feet, being finished with rounded tops. To reach the platform from the Esplanade there will be two runways seventy-five feet long and eight feet wide, approaching it along the wall from each side, so that the length over all of the new construction will be nearly two hundred feet. From the platform at its outer edge the companion piles will be deployed up and down the river at twenty-five foot intervals, affording entrance to the berths of the Naval cutters, and there will be regular berths here for twelve of these active little vessels. Construction will be begun at once. The fleet of cutters in addition to the boats of the Naval Ensigns at Harvard, which will probably come down to this wider part of the Basin to maneuver, will make this summer a water park filled with activity, and realize the ideal of the projectors of the plan of the Basin, who had the Seine or some other European water park in mind in suggesting it and carrying out the suggestion.

TYPEWRITERS PROVIDED FOR USE OF STUDENTS

Through the kindness of a member of the corporation who is interested in student welfare, the English Department has been able to purchase for the use of students in its courses a small number of typewriting machines. They have been placed in room 2-287 and are available at hours when the room is not required for recitations.

To avoid confusion, students wishing to use the machines are required to engage them ahead by registering their names with the secretary of the department in room 2-263. The Secretary will keep a memorandum of hours when the machines may be used.

The Department wishes to urge the use of these machines for those who have not access to any others, and particularly for students who have had difficulty in the technique of writing. It is believed that a man who attempts to put his work into careful typed form will rapidly improve in ability to think and to express himself with accuracy. Room 2-287 is free most of the time except on Wednesday and Friday, from nine to eleven.

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SOPHOMORE LOSES MUSTACHE

It is an unwritten law that men of the present Sophomore Class shall not wear mustaches during Junior Week. In spite of this, one of the members of the noble class, a certain W. C. Luce by name, persisted in wearing a "misplaced eyebrow." So daring was the spirit shown by said Luce, that about twenty members of the 1920 class, in solemn council, determined to bring him to trial. Accordingly, last Friday about 2 o'clock, he was caught in a small room on the third floor of Building 2, arraigned before the King of the gathering, and convicted. The executioner was summoned, and, producing a pair of enormous shears, he so decorated said mustache that an immediate visit to the barber's was made necessary. It is rumored that other Sophomores with lip grass will be treated in the same way.

TENNIS SCHEDULES

The Varsity and freshman tennis teams started their practice last week. No definite lineup for either team has yet been picked, but very attractive schedules have been arranged by Manager Kimball and his assistants. The Varsity team will probably be composed of Captain Marvin Pierce '18, W. L. Wei, a graduate student, William Wyer '18, and Wirt Kimball '19. The team is not assured of the services of Wyer or Pierce for they may leave the Institute any day for government service. Among the other candidates, the most promising are S. A. Sherman '19, W. N. Barron '20, of last year's freshman team and Hamilton Beattie '21, the former Phillips Exeter player. The number of men out for the team totals about thirty.

The freshman candidates are H. Beattie, Hatch, J. Worcester, a former Cambridge High and Latin player, H. Junod, L. Cowie, and R. Officer, another Phillips Exeter player. Manager Kimball has arranged the following schedule:

April 26, Trinity at Hartford, April 27, Yale at New Haven; May 4, Harvard (pending); May 8, Holy Cross at Longwood; May 11, Bowdoin at Longwood; Week of May 13, Intercollegiate; May 17, Amherst at Amherst (pending); May 18, Williams at Williamstown; May 25, Worcester Poly-

tech at Worcester; June 1, Holy Cross at Worcester.

Assistant Manager L. E. Boyden '20, and Assistant Manager L. W. Trowbridge '21, have arranged the following schedule for the freshmen:

April 20, Moses Brown at Providence; April 27, Andover at Andover; May 2, Huntington School at Boston; May 11, Worcester Academy at Worcester; May 23, Milton Academy at Milton; May 30, Tufts 1921 at Medford.

Meets are pending with Exeter and Harvard 1921.

The first cut in the squad will be made directly after Junior Week. Despite the expected loss of Captain Pierce and Wyer, the prospects for a successful season are very bright.

MILITARY MORALS

One of the uses of the proceeds of the Liberty Loan that will appeal strongly to the great mass of American people is the care and attention given to the moral welfare and protection of the American soldiers.

Heretofore with the American Army and even now with some of the armies of our allies the moral welfare of the soldier was and is a matter largely ignored. In the German armies provision is even made for immorality.

It is to the glory of American arms and American national character that of the men who wear the United States uniform a high standard of conduct is expected and demanded, and provided for. Kipling's "Single men in barracks" are not to find their prototypes in the American Army.

Gen. Pershing says there is no cleaner-living body of men in the world than the American Army in France.

FOUND ARTICLES

The following articles can be obtained by calling at the office of the Superintendent of Buildings and Power, Room 3-005:

1 copy "Steam Power Plant Engineering"; 1 copy "New Complete Trigonometry"; 1 copy "Physics Laboratory Experiments"; 1 copy "Influence Diagrams"; 1 copy "Electrolytic Dissociation Theory"; 1 copy "Notes on Mechanics"; 1 pair canvas puttees; 1 waterman's fountain pen; knives.