

## PLOT OF TECH SHOW BALLET IS ANNOUNCED

Twenty-two Men are Retained After Final Cuts—  
"Nuit d'Osiris" is Conceived by Coach,  
Miss Virginia Tanner

### MUSIC BY FAMOUS COMPOSERS

The plot of the Ballet for Tech Show 1920 has at last been announced, the title of which is the "Nuit d'Osiris." Miss Virginia Tanner, coach of the ballet, who has conceived as directed this part of the production, has selected twenty-two men with the final cuts, thirteen of whom are to take men's parts while the remaining nine are to be girls.

## VOTE FOR SENIOR CLASS COMMITTEE

Names of Twenty-five Men for  
Senior Executive Board Are  
To be Turned in at Refriger-  
eration Laboratory

### APPOINT THREE MARSHALS

The election of the Senior Class Day committee will be held today in the Refrigeration laboratory from 9 until 1 o'clock. During the day ballots will be distributed, as far as possible, among all the members of the Senior class. When filled out, the ballots are to be turned in at the ballot box. Each voting sheet should contain no more than twenty-five names to be valid.

The three men receiving the highest number of votes will be chosen as first, second and third marshals respectively, for the Class Day events which are to be in charge of the committee of twenty-five men with the president of the Senior class as a member ex-officio.

This committee will be subdivided in order that it may successfully run the Senior picnic, dance, and other affairs that it may consider advisable to hold.

The scene of the ballet is in the temple of Osiris in Egypt. The hall of the temple is prepared for the yearly festival, at which time the worship and offerings of the people are believed to bring the slain god Osiris to life. The offerings form heaps of treasures and the jealous head-priest, who is eager to get possession of these riches, conspires with the traitors and enemies of Egypt to have their leader impersonate the god in the shrine. The worshippers rejoice at the miracle of Osiris coming to life again and revelry fills the hall. The false Osiris,

(Continued on page 2)

### FLOATING DANCE HALL TO OPEN WITHIN THREE WEEKS

The floating dance hall "Jack o' Lantern," whose coming THE TECH heralded last fall, is about to make its appearance. Work will be begun either the last part of this week or the first of next, on a pier, which will be erected on the Cambridge side of the Charles below the Institute.

Within about two weeks, the boat, which is now at the company's dock near South Station, will take up its position at the pier. The official opening will take place on April 17 and the opening to the public is expected to take place two days later. There will be dances during both afternoon and evening on the latter date.

## TECHNOLOGY ATHLETIC CLUB FORMULATES CONSTITUTION

Policy and Object of the New Organization Established—  
Membership Campaign Will Start April 18—  
First Officers Are Elected

### J. W. KELLAR '21 CHOSEN PRESIDENT

A smoker was held in the Grill Room of the Walker Memorial Wednesday night at which many men interested in athletics met to organize the Technology Athletic Club. The speakers were Professor Pearson, of the English department, and Frank Kanaly, of the track team.

The idea of the club is to do for athletics at Technology what the Athletic Association of any other school does for that school's sports; namely, to draw the student body together and create enthusiasm so that representatives of Technology on the field will see that they have a united student body behind them.

## LECTURER DETAINED

Combined Societies Forced to  
Postpone Address

Inability of the lecturer to reach Cambridge caused the postponement of Mr. J. D. Andrew's talk on "Plant and Ship Design and Construction," scheduled for Wednesday evening. The lecture will be given in the north hall of Walker to-night.

This lecture, as announced in Tuesday's issue of THE TECH, is the first of a series of semi-technical presenta-

(Continued on page 3)

### REDEEM SIGNUPS

Signups for Technique 1921 must be redeemed in the main lobby between the hours of 1 and 2 o'clock any day up to April 13, if the holders wish to receive their copies during Junior Week.

(Continued on page 3)

### WALTER JOHNSON'S JAZZ ORCHESTRA PLAYS AT DANCE

The fifth of the series of Dorm dances was held in Walker Memorial last night and was by far the most successful of the informals. April Fool's Day provided the occasion for introducing several novelties. Walter Johnson himself, and nine other kings of syncopation, furnished the music.

The entire program of twelve dances was carried through without trouble of any kind being encountered. There were three novelty dances, one of them being a spot-light waltz. A prize dance the winner of which received a Kewpie doll was run off as the eleventh dance. Some time earlier in the evening a few pocket-books were thrown on the floor for some fortunate dancer to pick up. One of the purses contained a prize, while the others had blanks in them.

R. T. Pender '20, stated that the next Dorm dance will be a formal one, and will be held in about one month. At this dance, two orchestras will provide the music, thereby making continuous dancing possible.

## SPIRITED VOTING PLACES OFFICERS

G. E. Fargo '21, R. L. Turner '21,  
and A. W. Norton '21 Chosen  
By the Students at the Yearly  
Elections of the T. C. A.

### KEEN RIVALRY DISPLAYED

The annual election of president, vice-president, and treasurer of the T. C. A. were held last Wednesday, the final count placing G. E. Fargo '21, R. L. Turner '21, and A. W. Norton '21 in charge for the coming year.

The voting was held at the T. C. A. office from 9 to 5.30 o'clock. All students were eligible to cast a vote, and the contest was a spirited one, doubt as to the results prevailing until the final accounting.

Fargo, the new president, has not been connected with the association, but is well known in the dormitories. Vice-president Turner has been connected with the T. C. A. as director of the membership campaign held recently. He was also one of the directors in the drive for funds. Norton, the treasurer, has been the director of the freshmen advisory work.

## PROM WILL LAST UNTIL 4 A. M.

Committee Has Obtained Permit Which Will Al-  
low Dances to Run According to the  
Originally Planned Schedule

### UNDERCLASS INTEREST LACKING

What promises to be the biggest prom that Technology has ever seen, received official sanction yesterday to continue until four o'clock. Rumors have been current that the dances would be forced to close at two but a permit was issued to the committee yesterday which will allow it to run according to the original plans.

The sale of sign-ups and tickets for the Somerset has been very discouraging, for the Sophomores and freshmen have not backed it up as was expected by the committee. Those who have not bought their tickets will be able to do so Monday from 12 until 2 o'clock at the booth in the main lobby.

The redemption of sign-ups which took place on Wednesday for the Plaza prom indicated that there are few men hesitating to get their tickets while they can but for the bene-

(Continued on page 3)

## RADIOS GATHER

Society Plans Smoker Series to  
Start Tonight

The Radio Society will hold the first of a series of Smokers tonight at 7.45 o'clock in the grill room, at which Professor Bush, of the Electrical Engineering Department, will give a talk on wireless.

At the meeting it will be announced that the committee on elections has been appointed. The elections will be run on a party system. Those who are nominated for president will select their own secretaries and the two will be voted for together. The other officers will be elected separately.

A trip to the Charlestown navy yard is being planned, including a visit to a battle ship and to a submarine, a sign-up card for which will be posted soon. It is announced that a class for coed practice will be formed if enough men signify their desire to attend.

## DR. WALKER OUTLINES TECHNOLOGY PLAN IN CHEMICAL JOURNAL

The following article, written by Dr. Walker, the director of the Division of Industrial Cooperation and Research at the Institute, appeared in the issue of March 19, of the "Chemical and Metallurgical Engineering." Dr. Walker is, as head of the application of the plan, especially fitted for the task of outlining the benefits derived by both the industries and the institutions, and has done so with great clearness and brevity in the following extract.

"The Technology Plan is the organized attempt to effect a closer cooperation between scientific and industrial effort; between the technical school and the individual industry throughout the country. Although a working relationship between educational institutions and industrial organizations has been discussed at great length, and on many occasions, little real practical progress has as yet been made.

### Cooperative Plan Must Exist

"The Technology Plan recognizes that for the present at least, there must exist somewhere in this scheme of cooperation an element of individual and mutual responsibility on the part of those engaged in it. It recognizes that a purely philanthropic enterprise does not engender in the managers of industry that confidence which is an essential element in its success. Such men are not yet deeply interested in a strictly Pro bono publico method of cooperative work. Hence the Technology Plan is neither elec-

mosynary in organization nor philanthropic in its aims and methods.

"The essential feature of the plan is an agreement, expressed as a contract, between the individual industrial organizations and the Massachusetts Institute of Technology, under which the industry pays an annual retaining fee to the Institute, in return for which the Institute assumes certain definite obligations of such a character as it is in a position to meet. These obligations are in very general terms as follows:

### Industrial Demands Heavy

"The great demand of the industries today is for men trained to solve the many problems with which they are confronted. This requires first, a knowledge of the principles of science and second, a training in the application of this knowledge to the solution of the ever recurring difficulties. While the first requirement is reasonably well met by the undergraduate courses of instruction at the Institute, only to a limited extent can the second be obtained in the four years allotted to undergraduate work. The student must be encouraged to spend an additional year or more in the laboratory or advanced study.

### Need Trained Men in Industry

"It is true also that much investigation in 'pure science' can be conducted as profitably in fields of research

(Continued on page 2)

## FACULTY SEES MOVIES

Mr. Rogers Shows Educational  
Value of Motion Picture

The Faculty Club witnessed last Tuesday in Walker Memorial a demonstration of the use that the moving picture might be to education. This consisted of several films exhibited by Mr. Rowland Rogers of the Bray Motion Picture Corporation.

Professor Tyler presided and introduced Mr. Rogers. The latter began by pointing out that while today the motion picture industry is devoted largely to the furnishment of amusement, it has great possibilities as an educator and as a selling agent. He supported this statement by reminding his hearers that it is a well known fact that clearer and more lasting impressions are received by the eye than by any of the other senses.

### Varied Subjects Treated

Then Mr. Rogers had the pictures thrown on the screen. The first reel showed diagrams of the Lewis Machine Gun, and a moving cartoon entitled "General Von Loon's 25,000 Mile Gun," which was made during the war to combat propaganda about the effec-

(Continued on page 4)

## INNOVATES SERIES OF AERO LECTURES

Speakers Will Treat All Phases  
In Construction and Design of  
Modern Types of Speed and  
Commercial Airplanes

### COURSE HAS MANY SIGNUPS

Under the auspices of the Aero Engineering Society, Mr. G. M. Denkinger will begin a course of lectures on the latest problems of construction and design of aeroplanes. Mr. Denkinger who is in charge of the Department of Army Aeronautical Research at the Institute and has direct control of the wind tunnel will deliver the lectures in room 10-275 at 4 o'clock every Friday beginning April 9, with the exception of April 16.

Among the subjects to be discussed will be the methods employed at the wind tunnel and the correcting of the results to scale. Another lecture will tell of the selection of wing sections for various purposes and the designing of machines to use these wings. The determination of the center of gravity and the center of resistance will also be explained. It is not intended to treat the subject of motors to any great extent.

### Lectures to be Technical

These lectures are not to be highly technical in character but are made up so as to be easily understood by the students. In order to facilitate those who attend the lecture in keeping in mind the subjects, notes on the lecture will be distributed to the attendants. Over 40 men have signified their intention of attending the full course.

More than 100 of the pins of the A. E. S. have already been disposed of. Men desiring to secure pins now may sign up at the headquarters and obtain their pins upon the payment of 75 cents.

## CALENDAR

### Friday, April 2

7:30—Combined Professional Societies, Lecture, north hall.  
7:30—Radio Society, smoker, grill room.  
7:30—Basketball, Sophs-Runkle, Gym, Walker.

### Saturday, April 3

1:00—Stamp Club, meeting, 2-381.  
2:30—Sophomore-freshman practise baseball game.