

## TO CLOSE PROM MAIL RESERVATIONS TODAY

Sale Open to All Tomorrow  
With Limit of Five  
Tickets Each

### TICKETS HAVE GOOD SALE

All men having made reservations for the Junior Prom by mail must call for them today before two o'clock at the ticket office in the main lobby as they will not be held after that time. Tickets will be available to all men tomorrow at 11 o'clock and five can be bought by any one man provided he names those for whom he purchases them.

Today is the last day for Seniors and Juniors to have first choice and the members of the committee will be at the ticket office in the main lobby from 9 to 2 o'clock. Thursday will be the last day of the sale when the office will close at 2 o'clock.

Seating preferences or changes in those already made, must be made before the vacation to any member of the committee. The members of the committee are E. S. Bates, chairman, R. C. Eaton, J. E. Fitch, Ernest Hoesbech, R. T. Lassiter, W. H. Robinson, Jr. This is the first time that a Prom committee has attempted to make table reservations for supper as all previous ones have been made by rooms. Seating reservations may be made according to club, fraternity, or by individual choice.

The price of the signups is \$5 and the redemption price is \$6. The Prom will be held in the Copley Plaza on Friday evening, April 20, and will run from 9 until 4 o'clock. The orchestra which has been engaged by the committee is Ed Wittsteins, Collegiate orchestra of New Haven.

## E. T. ALLEN TELLS OF GLIDER EXPERIENCES

### Aero Society See Pictures of Allen's Flights

E. T. Allen '23, pilot of the M. I. T. glider entered in the International Gliding Contest at Clermont Ferrand, France, addressed the Aeronautical Engineering Society last Friday night in the north hall of Walker. Due to the many other meetings and activities occurring on this evening the attendance was unusually small.

Mr. Allen, who has recently returned from Europe gave an account of his experiences while participating in the French and German gliding contests, flying the M. I. T. gliders. He also discussed the competition recently held in England which he attended. Several incidents of interest occurring at these meets were described. Mr. Allen's talk was illustrated with lantern slides showing the various machines in flight in these competitions. He described gliding as the greatest sport in the world and he intends to continue his activities in the science of the game.

After the meeting, moving pictures were shown of Allen's last flight in the second M. I. T. glider in Germany. In this flight the machine was wrecked, and seeing these moving pictures of the flight was Allen's first opportunity to determine exactly what happened at the time of the accident.

## T. C. A. SECURES MUSIC FOR BOOSTERS MEETING

### Also Arrange Fencing Exhibition for Business Men

Three Technology men were secured by the Social Department of the T. C. A. to furnish music at a meeting of the Boosters Club of Cambridge last night at the Cambridge Y. M. C. A. The department also sent two men from the fencing team to give an exhibition following a dinner of 200 members of the Business Men's Club at the Boston "Y."

The three men who played last night were M. C. Molstead '23, piano; J. A. Pennypacker '23, cello; and C. E. Roche '23, violin. The fencers were G. W. Elkins '24, and M. A. Santa Ana '26.

Mr. W. M. Ross, General Secretary of the T. C. A., was the first speaker to a meeting of the Hi-Y Clubs of Greater Boston last Sunday afternoon at the Phillips Brooks House at Harvard. About 100 boys were at the meeting, and other speakers included George Owen and Dr. Richard Cabot.

## INTER-SECTION DEBATES HELD BY SOPHOMORES

### Second Year Men in English Sections Challenge Each Other

The extension of the minimum wage law was the subject for a debate last Wednesday morning between the Sophomore English and History sections of Professor H. G. Pearson and Mr. S. F. Sears. The affirmative, represented by G. J. Gross '25, K. W. Proctor '25, and B. E. Oliver '23, was awarded the debate. Assistant Dean H. E. Lobdell '17, acted as chairman. The judges of the debate were Messrs. C. F. Lyman and E. C. Kirkland of the English department.

Another inter-sectional debate was held yesterday afternoon in room 2-290. The debate, which was also presided over by Mr. Lobdell, had for its subject: "Resolved that Profit-Sharing in Industry is Practical." The judges for the debate were Professor H. G. Pearson and Bursar H. S. Ford. The affirmative, supported by G. L. Bateman '25, J. P. McCarthy '25, and Harold Bishko '25, was awarded the victory.

The above are two of a series of debates that have been taking place among the sections of the sophomore course in E. H. 22. One section challenges another to a debate, and the speakers are excused from writing the last of the themes due this term.

## TEACHERS' ASSOCIATION HOLDS ANNUAL SESSION

### Western Electric Engineer Lectures on "Within the Atom"

Activities of the minutest subdivisions of matter known were discussed by John Mills, engineer and educational director of the Western Electric Company, in an address entitled "Within the Atom" given Saturday morning at the annual meeting of the Eastern Association of Physics Teachers held in room 5-330.

A short business session preceded this address, and the following officers were elected by the association for the ensuing year: President, A. B. Warren of the Mechanic Arts High School, Boston; vice president, H. F. Wiley, Laconia, N. H.; secretary, G. A. Cushman, Wollaston; treasurer, W. F. Rice, of the Boston Latin School; executive committee, C. C. Smith, Hingham; R. R. Hatch, Mt. Hermon, and T. C. Bailey, Hartford.

Mr. Mills told how substances are composed of atoms, electrons, and protons. He compared the atom to a minute solar system, at the center of which is the nucleus, surrounded by electrons, corresponding to the planets of the ordinary solar system. After giving examples to show the extreme minuteness of molecules and atoms, Mr. Mills went on to show how chemical combination between elements is brought about by the fact that one element may have too many positive ions, while the other has too few. Consequently they unite, forming a new substance in which the electrons are in equilibrium.

After luncheon in Walker Memorial, the association was addressed by its retiring vice president, C. C. Smith, of the Hingham High School. He proposed a plan for the standardization of methods of physics instruction in secondary schools, and recommended that a committee be appointed to prepare material for a standard textbook embodying the most modern methods of teaching physics. H. C. Barber, of the Boston English High School, next spoke on the subject of "The Significance of Significant Figures." Following his talk, various suggestions for physics teaching were given by the following members of the association: R. R. Hatch, A. B. Warren, F. R. Miller, and H. W. Le Sourd. The session was closed with a rising vote of thanks to the Institute.

## LOWELL INSTITUTE GIVES LECTURES ON ALLIANCE

"The European System of Alliance" is the subject of a series of lectures to be given by the Lowell Institute every Tuesday and Thursday from March 6 to March 29 at five o'clock.

Tickets for the lecture, which are free of charge, may be had by applying to the Curator of Lowell Institute.

## PROFESSOR RUSSELL WRITES PRIZE SONG

### "M. I. T." to Be Sung by Glee Club at Spring Concert and Tech Show

### MAY BE OUR ALMA MATER

The prize of \$200 for a Technology song has been awarded to Professor G. E. Russell '00, associate professor of hydraulic engineering in the Civil Engineering department. He wrote both the words and music of the song, which is entitled "M. I. T."

This song will not necessarily become Technology's Alma Mater song unless it is the wish of alumni and



PROFESSOR G. E. RUSSELL '00  
Author of Prize Song

students that it should be. For their approval it will be sung by the Glee Club at the Spring Concert, and also between the acts of Tech Show.

In writing the music for the song, Professor Russell kept in mind the fact that the song was to be sung mostly by men, and he has written it so that the music is well suited to men's voices, and can be easily sung by everyone. The words of the song are as follows:

M. I. T.  
Technology, in tribute true  
Our song to thee we raise.  
Our hearts unite, our voices blend  
In simple words of praise.  
Thy sturdy sons in countless throngs  
On every land and sea  
Pause in their toil and stand upright  
To hail thee, M. I. T.

We hail thy noble men of faith,  
We follow where they led.  
Thy splendor and immortal name  
With glory crown each head.  
With true, devoted, loyal hearts  
Their lives they gave to thee;  
We march with courage in their strength  
To strive for M. I. T.

The laurel leaves that crown thy head  
Were never won by might.  
In every land thine honored name  
Stands strong for truth and right.  
So shall thy sons in marshalled host  
Stand firm and strong for thee;  
Each battle fought, each victory won,  
A palm for M. I. T.

During the four years Professor Russell was a student at the Institute, he was a member of the cross country squad, and was also on the cast of the first Tech Show. Since then he has been connected with the Civil Engineering department, and has done engineering work on many different projects.

## The benefits of a course in General Engineering

are discussed by Professor Moore on the editorial page of this issue. This is another of the special course articles written for THE TECH by course heads.

## A. L. BAILEY '24 CHOSEN AS NEW PUBLICITY MAN

### Succeeds A. S. Renfrew '24 in Musical Clubs Managing Staff

Filling the place recently made vacant by the resignation of A. S. Renfrew '24, A. L. Bailey '24, has been chosen by the management of the Combined Musical Clubs as the new publicity manager. The first big duty for the new manager will be the publicity for the spring concert, coming April 19 at the Hotel Somerset.

Bailey has been connected with the managing department of the Clubs for nearly two years and when Renfrew was forced to resign due to the pressure of work he was the man chosen for the vacant job. Until April 19 there are to be the usual local concerts, but then the work of the publicity department will be the heaviest with the Spring Concert and an increased schedule of local appearances.

Tickets to the Spring Concert at the Somerset will be reserved by signups and these will be on sale March 8 and 9 in the main lobby from 12 to 2 o'clock. The price of a signup is to be \$3 with \$3 more for redemption. In order to give more time for dancing afterwards, which will continue until 3 o'clock, the concert will be a short one. The Musical Clubs have plans for unusual specialties to vary the concert program, and there will also be novelties for the dancing.

## JUDGES DECIDE KING TUT BEST SIDESHOW

### Capacity of Walker Memorial Taxed by Large Crowd Attending Circus

### RACES ENLIVEN EVENING

The universal appeal of Egyptian relics proved too much for the judges at the Tech Circus Thursday evening in Walker, and they decided Delta Upsilon's version of King Tutankhamen was the prize winning show of the circus. Sigma Nu, with their fire department, the Course VIII show, and the police department furnished by Alpha Tau Omega received honorable mention.

There were twenty sideshows at the circus, a chariot race, a tight-rope stunt, and many other specialty acts. The exhibits on the left hand side of the main hall, under the balcony were: Course VI, with their electric horse "Disturber," which nobody could ride; the M. I. T. Radio Society, with a Tesla coil and broadcast receiver; T. E. N. exhibiting their latest perpetual motion machine; Course VIII proving that one course VIII man was stronger than any other, and finally the Course XV stock exchange and a hot dog stand run by the T. C. A. Under the other balcony was the Technique exhibit. Technique's feature was the distribution of tickets from a box suspended over the middle of the hall. The tickets were redeemable for free ice cream. Next to Technique was King Tutankhamen's tomb, gotten up by Delta Upsilon. Next were the fire and police departments, and "Juana" run by Course VIA. In the corner was the Red Dag Bar, put on by THE TECH.

On the east balcony were movies of crew on a special screen, and the shows of Theta Chi, Sigma Alpha Epsilon, and Sigma Chi. Upstairs in the gym were Delta Tau Delta, Beta Theta Pi with their shooting gallery, Sigma Alpha Mu, the originators of "Cuspadora," and Phi Sigma Delta.

The "chariot" race between Theta Delta Chi and Phi Beta Epsilon was won by the latter. There was also a race between five "animals," a donkey, horse, cow, elephant, and camel. The camel, belonging to Theta Chi, won the race, which was run off in three heats. Other specialties were the beam breaking contest of Course II, which was won by a Course X freshman, a Spanish dance by Hood Worthington '24, of Tech Show, and a take-off on various professors by J. P. Keegan '23. The light-rope walking in the gym was done by H. G. Donovan '24, of T. E. N. There were also specialty acts by the fencing, wrestling, and gym teams.

## DRESS REHEARSAL A GREAT SUCCESS

### Members of Other Companies Compliment Men on Show

### TICKETS FOR NEW YORK EVENING ALL SOLD OUT

The dress rehearsal of "The Sun Temple" took place at the Tremont Theatre on Sunday. This makes the first time that all parts of the show have been put together. General satisfaction was expressed at the work although there is much work to be done in the way of finishing before the first appearance at Jordan Hall on Saturday of this week.

On the same day a telegram came from New York saying that the tickets for the evening performance were all gone.

The undergraduates who mailed their applications to New York some time ago are assured of their tickets and will probably receive them by the end of the week. These applications were counted in the total of tickets sold and the distribution of tickets will take place some time this week.

The fact that all the tickets are gone three weeks before the showing seems to indicate that there is no lack of enthusiasm among the alumni and men in New York.

### Rehearsal Held

The rehearsal began about ten in the morning and was not over till ten-thirty in the evening. In that time the entire show was run through twice and the second act was done three times as was the ballet.

The setting of the first scene is the interior of a Mexican house of the Spanish type and is very attractive. There are balconies at the sides and a window seat with two arched windows at the other side. The second scene is high in the mountains at the ruins of a temple of Aztec sun-worshippers. This scene is also of unusual merit and has a very delightful entrance to the old temple at the right and a high cliff at the left.

There was an audience of considerable size during the afternoon and evening but as no applause was permitted there was no way of finding out what parts of the show were best received. Many members of the Filene show were there and seemed well pleased with the work of their coach. Several members of the faculty were also present and gave much valuable criticism to the managers. Members of past shows were present and while they could not be made to say that this was a better show than theirs they thought that it would go well when it is put on.

Several members of professional companies now playing here were there but no statement of their opinions could be obtained at that time.

## EIGHT T. C. A. MEN TEACH ENGLISH TO FOREIGNERS

Under the direction of the Industrial Service Department of the T. C. A., eight men from the Institute have been secured to teach English to the workers in industrial plants of Boston. There are also men teaching English and arithmetic at the Cambridge Y. M. C. A. to foreigners and at the Middlesex County jail to the inmates.

The work of this department has been extended quite a little this year under the direction of R. E. Swift '24. At the East End Union, Russian students from the Institute hold classes in English twice a week and in Russian grammar once a week. This work is in line with the purpose of the department to perform service to the industrial workers of the city.

### NOTICE

The Institute has received the following communication from the Metropolitan Park Police:

"Owing to the recent thaw, the ice on the river is not safe to cross on. Persons doing so are liable to arrest."

## CALENDAR

Tuesday, March 6  
10:00—Mr. W. J. Orchard '11, talk, room 10-411.  
12:00—Faculty luncheon, north hall, Walker.  
4:00—Dr. Walter Rosenhain lecture, room 10-250.  
Wednesday, March 7  
4:00—Dr. Walter Rosenhain lecture, room 10-250.  
Thursday, March 8  
Senior Class Day Committee Election, room 1-011.