

TECH SHOW BEGINS POSTER COMPETITION

Prominent Men Will Talk on Scenery Designs and Stage Lighting

MEET IN ROGERS

This evening the Management of Tech Show 1923 will formally open the poster and scenery competition at a meeting in Rogers building. It will take place at 8 o'clock in the Commons room. All the candidates for this kind of work are urged to be present. A number of speeches will be given and the plans and policies of the publicity department of Tech Show will be explained. Many suggestions by men prominent in this line of work will be presented.

O. R. Freeman '15, a member of the Alumni Advisory Council of Tech Show has charge of the meeting and has secured two speakers who should be very interesting to the men trying out for this work. The first, Mr. Eugene Frost, who studied at the Museum Art School, will present a talk on "Modern Stage Lighting."

Discuss Photo-Engraving

Mr. Frost has had a great deal of experience in his work and has accomplished many notable feats in stage lighting effects. He took an important part in designing the lighting for the Technology Dedication Pageant in 1916 and also had a large part in the lighting work of the Plymouth Tercentenary Pageant.

The next speaker, Mr. H. E. Washburn, a photo-engraving expert, will present as his subject "The Methods and Limitations of Reproduction and Poster Printing." He has been connected with the Suffolk Engraving Co., and for many years has directed the Technique printing and the Tech Show poster work. His subject should give the candidates an insight into the printing and engraving side of poster making, and demonstrate the correct method for drawing and designing the posters.

Two Prizes Given for Best Designs

The management expects to have a large number of men attending the meeting in order to acquaint themselves with the work they will have to do. In order to promote more interest, Tech Show has decided to offer two prizes to the candidates for the best poster design and music score cover.

The requirements of the posters and the score covers are as follows: they shall be limited to two colors besides black and shall be on white paper; the posters must be 24 by 36 inches, and the music score 24 by 34 inches; both must have appearing on them "TECH SHOW 1923" and "THE SUN TEMPLE" with sufficient space for the place and date to be inserted. The scenery and poster competition will close early in January.

NOMINATIONS IN ORDER FOR NEXT JUNIOR PROM

The election of the Junior Prom Committee by the Class of 1924 will be held next Tuesday. Nominations are to be submitted, upon the standard form as shown in the T. C. A. Handbook, at the Information Office, not later than 1 o'clock next Saturday. Signatures of the candidate and five sponsors must appear on the nomination blank.

DORMITORY MEN STAGE LAST DANCE TOMORROW

The final Dorm Dance of the term will be held tomorrow evening in the main hall of Walker Memorial. Plans have been completed and Bert Lowe with the same orchestra that played at the recent Senior Dance will furnish the melody. The usual Spot dance which has featured all the recent dormitory dances is going to be changed to a Lucky Number dance.

By last night all the tickets were sold. Special leather favors will also feature the dance in an attempt to make this last dance the best of the season.

A limited number of tickets outside of those first placed on sale can be bought at the door for the slightly advanced price of \$3.50 a couple. Hereafter, stag tickets for the dorm dances have not been sold, but at this dance they can be obtained at \$1.75 a piece. The following matrons will attend the affair: Mrs. Robert P. Bigelow, Mrs. Wallace M. Ross, and Mrs. Frank J. Robinson.

CHEMICALS WILL HOLD TWO TRIPS THIS WEEK

Plans to Visit Lever Brothers and Beacon Oil Co.

This afternoon the Chemical Society will conduct a trip to the Lever Brothers Soap Manufacturing Plant at 164 Broadway, Cambridge. The men taking the trip are to meet in the Walker lobby at 2 o'clock. Lever Brothers are the manufacturers of several well known soaps and soap powders including Lifebuoy, Lux, and Rinso. This plant is one of the largest soap manufacturing establishments in New England. According to arrangements made with Mr. Church, an official of the company, this trip will be strictly limited to 20 men.

On Friday the society will conduct a trip to the Beacon Oil Company's plant in Everett. The men taking this trip are to meet in the Walker lobby at 1 o'clock. This trip will also be limited to 20 men. These trips will probably end the society's activities for the term.

BIBLE STUDY GROUPS TO BE COMBINED BY T. C. A.

Plans Discussed Today in Room 10-267 at 1 O'clock

A new venture is planned by the Bible Study Department of the Technology Christian Association in combining the usual study groups, which have met in previous years with members of the Faculty, into one large group. A meeting has been called for today in room 10-267 at 1 o'clock for all those who are interested.

The new plans provide for the meeting of one large group for the discussion of questions of religion and ethics. At the following meeting someone who can be called an authority on the particular subject at hand will be asked to talk on this subject which has already been discussed by the group.

Letters regarding this new plan have been sent to 450 men at the Institute who have been interested in this sort of work by Denton Massey '24, director of Bible Study for the T. C. A.

MASQUE SKITS STAGED SATURDAY AT ROGERS

Men in Five Playlets Display Dramatic Talent

Before an audience of Masque men and a number of others interested in Tech Show, the Masque Skits were staged in the Commons room of Rogers building last Saturday afternoon. The skits which were five in number were arranged and conducted by Masque, the honorary dramatic society at Technology devoted to the interests of Tech Show.

The purpose in promoting these skits was to bring to light any desirable dramatic talent which the Tech Show management might have overlooked in the regular tryouts. The results of these playlets were highly gratifying to the management, and some promising Show material was developed.

The skits in order of their appearance were as follows:

1. Stewart and Kullman
Black Face Characterization
2. Squire and Hopkins
A Chance Meeting
3. Whiting and Fletcher
Just Between Us Girls
4. Watson, Feagin, Hosmer, and Sinauer
The Game Back
5. Frank, Dyer, and Barnes
A Triangle Problem Play

MILITARY DEPARTMENT NOW HEADED BY COL. PHISTERER

Colonel Frederick W. Phisterer, inspector-general of the Coast Artillery Corps, who was detailed to the Institute as a Professor of Military Science, has arrived here, and is at present performing his duties as head of the Department. Previous to his appointment at the Institute, Colonel Phisterer was detailed in the Inspector-General's Department of the Third Corps Area, Baltimore, Maryland. He graduated from Cornell in 1895, receiving a Mechanical Engineer's degree and in 1896 a Master's degree, and later, in 1897, he received his Doctor of Science degree.

SPRINGFIELD BRIDGE FEATURES AT SMOKER

Civils Will be Addressed by Professor C. M. Spofford Tomorrow Evening

Professor Charles M. Spofford '93, head of the Civil Engineering department at the Institute and honorary president of the Chapter, will be the main speaker at the third smoker of the Civil Engineering Society. This smoker will be held tomorrow evening at 7:45 o'clock in north hall of Walker Memorial. Professor Spofford will discuss to a full extent and with illustrations on the screen, the recently completed Hampden County Memorial Bridge at Springfield.

This Memorial Bridge may be considered an all Technology bridge as all three of the members of the firm of Fay, Spofford, and Thorndike, the designers, as well as the contractors, for changes in the railroad yard and the approaches to the bridge, are graduates of the Institute.

Bridge Built for Future

The bridge has a total length of 1500 feet, of which 1200 feet are over the river, and 300 feet over the N. Y., N. H. & H. R. R. yards. The width of the bridge is 80 feet, giving a 60 foot roadway and two sidewalks. The river portion consists of seven arch spans, the longest 176 feet, and the viaduct over the railroad yard is of nine spans.

Half-mile approaches extend beyond either end of the bridge. It is of ultra-modern design, meeting all requirements of future capacity by its permanent construction and adequate approaches, and a pleasing monument of reinforced concrete faced by granite, both for utility and for finish.

The completion of this bridge was the occasion for a two days' festival at Springfield. An illustrated bridge edition of the Springfield Republican with 37 pages of bridge description was published, and dedicatory exercises were held with the Governor as speaker.

Plans for Dance Under Way

The Chapter will fill out the evening with music, eats, and a special feature beside the regular business of the meeting. G. F. Cooke '23, leader of the Banjo Club, will offer a duet with his partner, P. C. Davidson '24, J. L. Liecety '22, coach of the Banjo Club, will give one of his solos. After the smoker, Captain Ed Moll of the Boxing team, will give an exhibition bout with another member of the team.

Plans for the coming dance will be discussed, and all remaining society pins will be distributed. Professor Spofford is best known in Boston as past president of the Boston Society of Civil Engineers, and a member of Fay, Spofford and Thorndike, builders of the \$25,000,000 Army Supply Base in South Boston.

LARGE NUMBER TURNS OUT AT SHOW SMOKER

Entire Production Outlined for Prospective Casts' Benefit

SKITS REVIEWED

Before an audience of about 200 men the annual Tech Show smoker which formally opened the competition for the various departments of the Show, was held last night at 8 o'clock in the main hall of Walker. The plans for Tech Show 1923 were gone over by the management and the various aspects of the play discussed by the coach and other prominent men.

W. D. Scofield '23, general manager of the Show, opened the program with a short talk about the aims of the activity and was followed by one of the skits of the Masque given by Fletcher and Whiting. It called forth a large amount of applause. Scofield then outlined the trip to New York and issued calls for candidates to the cast, chorus and ballet. He stressed the point that as time this year was even shorter than usual for the rehearsals, perfect attendance at practice was of great importance. Scholastic standing must count in the selection of men for the different parts and a man with low marks does not stand a good chance of making the Show.

The first number on the program was given by F. D. Gage '23, who sang and played some of the hits of former shows. The audience seemed to like (Continued on Page 3)

ENGINEERING NEWS MEMBERS WILL BANQUET THIS EVENING

Tonight at 6:30 o'clock will see the scribes of the Tech Engineering News sit down to their annual banquet at the University Club, 270 Beacon St. The banquet is for the benefit of all the regular staff members and candidates and many prominent Alumni and members of the Faculty.

Among the speakers who will be present at the affair are J. P. Munroe '82, who will talk on "Change or Improvement in Undergraduate Activities Since My Day." Dr. Elihu Thompson, acting President at the Institute, will also address the gathering on the subject of "Characteristics Observed in Tech Graduates." H. E. Lobdell '17, will represent the Alumni Advisory Council, and H. E. Peck is to expound on "Experiences Gained by Students Participating in Publication Activities."

Other men of note who will be present are: Dean Talbot '85, H. S. Ford, Professor Pearson, Professor Rogers, C. F. Lyman, I. W. Litchfield '85, H. J. Carlson, A. T. Hopkins, and A. W. Rowe '01. Besides the present members of the staff will be present the former managing board members and the acting heads of present Institute activities.

G. J. Gross '25, is chairman of the committee which has had charge of arranging the details of the banquet.

AERO MEN TO EXHIBIT MOTORS AT CONFERENCE

"Internal Combustion Motors" Subject of Address by Mr. Warren Noble

"Internal Combustion Motors" will be the subject of Mr. Warren Noble who will speak to the Aeronautical Engineering Society this evening at 7:30 o'clock. The meeting will be held in the R. O. T. C. Air Service Dug-out, room 1-090, and will be an informal conference on airplane motors. Mr. Noble's talk will be concerning aviation motors and will be followed by a general discussion when those present will have an opportunity to ask any questions they may have on the subject. Airplane engines of the leading types built in the United States, England, France, Italy, and Germany, will be on exhibition for inspection.

Society Pins Now Available

Plans for the glider design contest which is to be held by the society will be announced. Professor E. P. Warner '17, who made a special study of gliders during the competition held in Europe last summer, will speak on the design of gliders, pointing out the lessons learned during the international contests. This talk will be of particular interest to all those who are contemplating submitting a glider design in the society's contest.

All students who are interested are cordially invited to this meeting. Smokes will be provided, and the society pins will be available for those who wish to obtain them.

RADIO SOCIETY HOLDS SMOKER THIS EVENING

Amplification Is Subject for Discussion

A talk on radio frequency amplification is the principal attraction on the M. I. T. Radio Society smoker, which will be held this evening in room 5-330, at 8 o'clock.

The talk will be given by Mr. C. H. Dallin, of the Acme Apparatus Company. Mr. Dallin has had much experience with radio frequency in experimental work for the Acme Company, and consequently will be able to furnish valuable information on the subject.

Corrects Circuit Diagram

Two "Mutt and Jeff" comedies have been secured by the society, and will be shown during the evening. The Radio Society extends a cordial invitation to all its members, and any others interested in radio, to attend this smoker.

In order to prevent any one who tries IXM's transmitting circuit, as published in the last T. E. N., from having trouble, the Radio Society wishes to make a correction in the diagram. The plate and grid were shown connected together, which is incorrect. There should be no direct connection between the grid and plate.

MEMBERS OF THE TECH HOLD ANNUAL BANQUET

Winners of Fall Competition Announced Tomorrow Evening

Tomorrow evening at the Hotel Lenox the annual banquet of Volume XLII of THE TECH will take place. The affair will commence at 6:30 o'clock and from the answers to the invitations sent out many are expected to be present. The members of the Managing Board, the Board of Contributing Editors, and the Staffs of all the departments will be present.

At the banquet the names of those who have been elected to the staff of the News, Treasury, Advertising, and Circulation Departments will be announced. All candidates who have been elected have received invitations and will attend. This will bring to a close the competition that began in October. All promotions to the several departments will also be announced.

Corporation Members to Attend

About 300 members of former volumes have received invitations and those members of former Boards who expect to be present are A. W. Walker '82, Editor-in-Chief of Volume I; I. W. Litchfield '85, Treasurer of Volumes I and II; W. B. Snow '82, member of the Board of Directors of Volume I; F. L. Locke '86, member of the Board of Editors of Volume II; G. O. Draper of Volume VI; F. W. Hobbs '89, President of Volume VIII; Dr. J. T. Greeley '89, Editor-in-Chief of Volume VIII; J. L. Batchelder '90, member of the Board of Editors of Volumes VIII and IX; John Magee '99, Assistant Editor-in-Chief of Volume XVII; G. A. Haynes '09, Circulation Manager of Volume XXVII; O. B. Dennison '11, Managing Editor of Volume XXX; R. W. Chandler '12, General Manager of Volume XXXI; H. P. Claussen '16, General Manager of Volume XXXV; H. E. Lobdell '17, General Manager of Volume XXXVI; A. R. Brooks '17, Editor-in-Chief of Volume XXXVI; R. A. St. Laurent '21, General Manager of Volume XXXX.

Many members of the Faculty and Corporation have accepted the invitation to be present. Following the custom of past years, THE TECH printers, "Bill" Fielding and Stuart Fearon, his right-hand-man will attend. The former has not missed a banquet in many years.

During the evening a photograph of the gathering will be taken. It is planned to have the affair formal. The music for the evening will be furnished by part of the Musical Clubs' Jazz Orchestra.

LEADING FRATERNITIES GATHER AT CONFERENCE

Many Prominent Speakers are on Program

Delegates were present from all the leading men's fraternities at the Interfraternity Conference which was held at the Hotel Pennsylvania in New York on December 1. The conference was called to order by its chairman, F. H. Nymeyer, a graduate of the University of Illinois and a member of Zeta Psi. The delegates are representatives of 52 fraternities. (Continued on Page 3)

CALENDAR

- Wednesday, December 6
2:00—Chemical Society trip, starting from lobby of Walker.
5:00—Calumet Club meeting, west lounge, Walker.
6:30—Institute Chapter of Unitarian Laymen's League supper, Unity House.
6:30—T. E. N. banquet, University Club.
7:30—Informal conference of Aeronautical Engineering Society, room 1-090.
8:00—Radio Society smoker, north hall, Walker.
- Thursday, December 7
6:30—THE TECH banquet, Hotel Lenox.
7:30—Civil Engineering Society smoker, north hall, Walker.
8:00—Dorm dance, main hall, Walker.
- Friday, December 8
1:00—Chemical Society trip, starting from lobby of Walker.
- Saturday, December 9
2:00—T. C. A. piano and violin recital, room 10-250.
- Sunday, December 10
9:00—Catholic Club Communion-Breakfast, Holy Cross Cathedral.
7:30—Cosmopolitan Club smoker, main hall, Walker.
- Tuesday, December 12
6:00—Vectors, dinner, Faculty dining room, Walker.
- Wednesday, December 13
6:30—Masonic Club, dinner, north hall, Walker.