

G. F. COOK APPOINTED TO LEAD BANJO CLUB

Position is Left Vacant by
Resignation of A. S.
Redway '23

THIRD CONCERT TONIGHT

G. F. Cook '23, has been appointed the new leader of the Banjo Club, filling the post left vacant by the resignation of A. S. Redway '23, leader last season and reappointed for this year. Along with this appointment the management of the Clubs also announced the selection of D. A. Shepard '26, for the position of assistant leader.

The new leader comes to Technology from Minneapolis, Minnesota, having transferred from Dartmouth to the Class of 1923 and entered in his Sophomore year. He was a member



G. F. COOK '23

of the hockey squad his first year here, and last year spent his time with the Clubs, playing both banjo and mandolin. At the end of last season he was chosen assistant leader, holding this position till his recent appointment as leader.

Concert Given at Wakefield

Inability to go on the Christmas trip and the pressure of work caused Redway to resign. The members of the Banjo Club feel sorry to see him leave, but he was unfortunately unable to continue with the work.

The third concert of the season will be given by the Clubs tonight at Wakefield. It will be held in the Town Hall at 8 o'clock. Members of the Clubs will leave North Station at 6:55 o'clock.

The management wishes to announce that men who have not yet obtained tickets for the Fall Concert may do so at the Musical Clubs office, room 310, Walker Memorial, any day from 4 to 5 o'clock.

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PROFESSOR C. L. DENNEE TALKS TO MASONIC CLUB

Professor Charles L. Dennee of the New England Conservatory of Music was the speaker at the second smoker of the Masonic Club held last Tuesday evening in Walker Memorial. Professor Dennee's address was a brief historical sketch of Masonry from prehistoric times down to our own period.

Professor Dennee, who is a well known lecturer on Masonic subjects, told how Masonry had its beginning in prehistoric tribal life. He then traced its development down through Egyptian, Greek, Roman, and medieval times until the formation of the first grand lodge in London in 1717.

Speaker Secured for Next Meeting
Some interesting statistics have been compiled by the club in regard to its members. There are about 120 of them, coming from 83 different lodges in 32 states or foreign countries. This includes men from Scotland, the Canal Zone, Ontario, and Manitoba.

The next meeting of the club will be on December 13. Mr. M. L. Perrin is to be the speaker and his subject is "Masonry in China."

JUNIOR CLASS DANCE TAKES PLACE TONIGHT

Large Attendance Expected by
Committee—Tickets on
Sale at Door

Tonight marks the completion of the efforts of the Junior Class dance committee to put on an All-Junior dance, and the committee reports that from present indications the dance is going to be a success in every way. A large attendance is assured by the many tickets disposed of, and every effort has been made to make certain that the affair will be a social success, as well as a financial one.

The class has responded to the efforts of those in charge to sell the tickets, and expenses are well covered. However, as it is expected that many persons who will attend have not had the opportunity of securing tickets through the regular channels, additional ones may be had at the door at the regular price of \$2.25.

The committee which has had charge of the arrangements includes the following members of the Junior Class: T. F. Bundy, H. T. Lassiter, C. L. Dunn, W. H. Robinson, Jr., B. A. Cushman, and E. S. Bates.

PLANS ARE MADE TO TRY HAWAIIAN TRANSMISSION

Radio Society's Station Acts
as Eastern End

Arrangement have been completed for a transmission test with Hawaii, in which the M. I. T. Radio Society's station 1XM is to be the eastern end. The tests will be held next Sunday and the object is to establish two-way communication with 6ZAC, an amateur station situated at Waialuku, Hawaiian Islands. 6ZL, in Oakland, California, will also take part in the tests.

1XM has already been heard twice in Hawaii, so it is probable that its signals will again be heard by 6ZAC. The tests Sunday will show whether or not the signals of 6ZAC can be heard here.

Special alterations will be made in the transmitter at 1XM tomorrow, in order to increase its power for these tests.

NEW BUREAU COMPILES FRESHMAN STATISTICS

The recently created Information Bureau of the Technology Christian Association, as its first act of service, has sent statistics concerning the freshman class to the M. I. T. A. A. and to the heads of the various activities at the Institute. This information covers the previous work of the freshmen in fields of athletics, publications and other extra-curriculum activities.

This is the first work of this sort ever attempted by the Association, the information being obtained from the cards sent for this purpose with the fall term registration material. The Information Bureau was formed early this fall at the Cabinet setting-up conference held in October at Kendal Green, and C. T. Jackson '23, was chosen to become the director of this work.

Upperclass Statistics on File

In athletic lines, the men are listed under each sport at Technology, football heading the list with the largest number of names, 73, and track coming second with 64. The largest list of the statistics is the one concerning dramatics, containing the names of 94 men, and has been sent to the management of Tech Show.

In letters sent to the activity heads along with the lists the director expressed an intention to get these lists out earlier next year so that they might be of greater value, and asked for suggestions regarding the treatment of the subject. Similar statistics concerning the upper classes are on file at the Association office and may be made use of at any time.

Employment Bureau Active

The Undergraduate Employment Bureau has inserted the following advertisement under the head "For Parents" in the Boston Transcript: "Have you a bright youngster who wishes to save a year of school? Telephone University 7416 to the Technology Undergraduate Employment Bureau for an M. I. T. man to tutor him." This will appear in the Saturday edition for four weeks, beginning November 18.

ELECTRICAL ENGINEERS TO HEAR TALK BY A. W. HULL

Society Holds First Smoker in
Room 5-330 Tonight

Mr. A. W. Hull, an official of the General Electric Company's Schenectady plant, will address the Electrical Engineering Society tonight at their first smoker of the season. His subject will be "Vacuum Tubes." The smoker will be at 7:30 o'clock in room 5-330.

Efforts are also being made to secure Dr. A. E. Kennelly for a speaker. Morey Pearl's orchestra will furnish music and a Larry Semon release, direct from a Boston theatre, will be shown.

The Society will open its membership drive at this smoker and will follow it up in the sections during the week. All upper class men taking courses VI, VI-A, or XIV are eligible.

MECHANICALS ELECT NEW YORK DELEGATE

A. S. M. E. Members May Obtain
Pins From Officers
of Society Now

At a meeting of the officers of the Mechanical Engineering Society held Wednesday, W. S. Earle '23, chairman of the Smoker Committee, was chosen as the delegate to represent the Society at the Annual Meeting of the American Society of Mechanical Engineers. This meeting will be held in New York from December 4 to 7.

An opportunity will be given at this meeting for the local section delegates to become acquainted with the various standing committees of the Society. Local section delegates will also select a committee to nominate the officers for 1923-24.

The program of the meeting is divided into several sessions, in each of which there will be talks by prominent men on the topic of the session. Some of the topics are management, machine shop, steam tables, research, fuels, and railroads.

Membership Pins May be Obtained
The National Exposition of Power and Mechanical Engineering opens at the Grand Central Palace immediately after the closing of the Annual Meeting, at noon, December 7.

Members of the Technology section of the A. S. M. E. may obtain their membership pins now from the Society's officers, who are as follows: H. B. Gray '23, F. R. Hassler '23, Arthur Edwards '23, and H. L. Hayden '23.

FACULTY CLUB MEETING SCHEDULED FOR MONDAY

One of the Faculty Club's periodic lecture meetings will be held Monday at noon in the north hall of Walker Memorial. The speaker will be Professor Gupta of the University of Calcutta, at present on leave of absence, who will discuss the present conditions in India.

DECEMBER TECHNOLOGY REVIEW IS OUT TODAY

Dr. A. W. Rowe '01 Writes on
New Technology Forces
in Rowing

The second issue of the Technology Review since its revision in form goes on sale today. The monthly will show adherence to the policy established in last month's issue, of enlivening the paper by numerous illustrations.

Among the articles of special interest to the student body, there is one by Dr. A. W. Rowe '01, on "The New Technology Navy," which deals with rowing at the Institute. A statistical article on the present status of the Technology endowment fund will acquaint Institute men somewhat with the financial difficulties here, while Professor C. M. Spofford '93, is the author of an article on "The Hampden County Memorial Bridge."

The magazine will also contain the following regular departments: "Tech Men in the Public Eye," "Books," "With the Undergraduates," and "Athletics." Due to the fact that the November issue was in the nature of an election extra, it was necessary to publish 72 pages. The December issue being of normal size, 52 pages, will cost only 25 cents instead of 30 cents.

TECHNOLOGY COMPETES FOR INTERCOLLEGIATE CHAMPIONSHIP MONDAY

Country's Best Distance Runners from 18 Colleges
Oppose Engineer Harriers over
Van Cortlandt Course

After bringing their intensive training to a close in a snappy two mile run yesterday afternoon Technology's Varsity harrier team will have only light work today and tomorrow before leaving for the Intercollegiate championships Saturday night. Sunday will be spent in New York in walking over the Van Cortlandt Park Course over which Captain Bob Hendrie will lead his men against the crack cross country outfits of eighteen colleges Monday afternoon. The flower of American distance runners will answer the starter's gun, but Technology has in Captain Bob a star who rates with the best of them all. In the matter of teams the Institute's prospects are as good, but even if the highest honors are apparently beyond the grasp of the Engineers they have the distinction of ranking near the top as dangerous contenders whose abilities none can afford to overlook.

PROMINENT MEN WILL ATTEND T. E. N. BANQUET

All Staff Members and Candidates
Are Invited

A number of prominent men have been invited to attend the Tech Engineering News banquet. Among those who have signified their intention of being present are J. P. Munroe '82, and Elihu Thompson, of the Institute Corporation; H. J. Carlson '92, president of the Alumni Association; Dean H. P. Talbot '85; Bursar H. S. Ford; Professor R. E. Rogers; and I. W. Litchfield '85.

The banquet is to take place on December 6, at the University Club. The members of the staff and all candidates are expected to be present.

INDUSTRIAL PICTURES SHOWN IN ROOM 5-33

Civil Engineering Society and
Corporation XV Entertain
this Afternoon

Two industrial motion pictures will be shown today between 3 and 5 o'clock in room 5-330.

From 3 to 4 o'clock, Corporation XV will entertain its members and others with a film entitled "The Story of Petroleum." From 4 to 5 o'clock, under the auspices of the Civil Engineering Society, Mr. A. A. Northrop of the Stone & Webster Company, will give an illustrated lecture on the Catskill Water Supply Company of New York. Both pictures are open to the public.

Shares of Stock Obtainable
The Corporation XV film will tell of the obtaining, refining, and production of all types of oils. It will show the various processes that oils must undergo to get the finished products of gasoline, vaseline, kerosene, and motor oils.

Shares of Corporation XV stock will be obtainable today by communication with any of the officers. One hundred shares of the stock are now being distributed by members of the Corporation to new Sophomore and freshman members. These may be obtained from any of the Corporation's officers or at the Combined Professional Societies room.

RALPH CONDOR SPEAKS TO CHEMICAL SOCIETY

Last Wednesday evening, at their second smoker of the season, the Chemical Engineering Society had an opportunity to hear Mr. Ralph E. Condor, an official of the Boston Woven Hose Company, speak on "Rubber." His talk was illustrated by moving pictures. These pictures were taken all over the world, ranging from Brazil to the Malay Peninsula, and back to the United States. He explained the way rubber was procured and prepared in the various rubber producing countries.

At a short business meeting held after this talk it was decided to appoint a committee to make arrangements to have joint meetings with the Boylston Chemical Society of Harvard. This will be a revival of an old custom. It was also decided that the society would not hold a dance at present.

Yesterday Coach Kanaly put his charges through a final stiff workout; two miles on the cinder path at a snappy pace. Bob Hendrie ran without apparent effort though the cold weather which has suddenly descended is not at all to his liking. Frank Bemis and Roger Parkinson trotted around in fine style while Bud Robertson and Gubby Holt paced each other for the entire route, crossing the line in a blanket finish. Elmer Sanborn and Leo Poore were rested up by Coach Kanaly's orders and will take lighter work today and tomorrow. Easing off will also be the program for the other five Varsity representatives now until Monday.

Same Team Enters I. C. A. A. A. A.

The same seven Engineer harriers that have proved the mainstay of the Cardinal and Gray during the past season will leave with Coach Kanaly and Trainer Doc Johnson tomorrow evening to contest with the teams of eighteen colleges for the I. C. A. A. A. A. championship. All the men appear to be in top form so there was no shift in the lineup seriously considered. Bob Hendrie has come out a victor from every contest he has entered this fall and is ready for the battle of his career in the national title event Monday. Elmer Sanborn seems to have completely recovered from the effects of his illness Saturday and is always to be counted on for a display of gameness and fight surpassed by no one. The rest of the squad is running well and all the Engineers are determined to render an account of themselves.

Lafayette Withdraws Team

Lafayette has withdrawn her team this year from the competition. Last year her star, Bob Crawford, ran unsupported and anted up fifth place but failed to count in team scores having no backers. With Crawford out of the running, Lafayette has shifted her attentions to the freshman contest. Another potential star, Paul Farnham is entered by Lafayette who will try to emulate Crawford's stunt of fighting out in front with no team mates to help him. As a yearling his abilities are unknown but he is credited with considerable staying power. Jim Watters of the Harvard frosh looks like his most dangerous competitor but so many new contenders are always to be found in the freshman ranks that it is impossible to predict definitely.

Carnegie Seeks Honors

Two other colleges, Williams and Holy Cross, have followed Lafayette's lead and dropped from the I. C. A. A. A. A. lists. One new member has entered the quest for a championship however. Carnegie Institute of Technology, boasting the possession of a star, H. E. Dykeman, who has beaten the famous Walter Higgins, Columbia's pride and two mile intercollegiate title holder, is entering a cross country aggregation in the big run for the first time. Beyond the fact that the hitherto unknown Dykeman is running for Carnegie little if any no-

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CALENDAR

- Friday, November 24
7:30—Electrical Engineering Society smoker, north hall, Walker.
- 8:00—Junior Class dance, main hall, Walker Memorial.
- Tuesday, November 28
8:00—R. O. T. C. dance, main hall, Walker.
- Wednesday, November 29
8:00—Naval Architecture Society smoker, Faculty dining room, Walker.
- Friday, December 1
5:00—Corporation XV dinner, north hall, Walker.
- 8:00—Musical Club's fall concert, main hall, Walker.