

## INSTITUTE COMMITTEE DISCUSS IMPORTANT PLANS FOR NEXT YEAR

Publication of Tech Blotter  
Suggested as Official  
Institute Activity

TECHNIQUE ELECTIONS MAY  
BE ENTIRELY REORGANIZED

All Students Urged to Attend  
Convocation Welcoming  
President Stratton

Last Friday at 5 o'clock the Institute Committee held its final meeting of the term. A number of important subjects were discussed at that time and all plans for the remainder of the term were made. The next meeting will be held on Thursday, January 11, in the Faculty and Alumni room at 5 o'clock.

The meeting was opened by the president and the roll call showed the following men absent: Denton Massey '23, D. R. Campbell '25, G. F. Nesbit '23, G. E. Barnes '23, P. P. Pratt '23, L. S. McLane '23. The report of the Election Committee which included the recent freshman class election and the Junior Prom Committee election was accepted and the Technology Ring Report was tabled. The Budget Committee gave a report on the manner in which the undergraduates dues were distributed and it also was accepted.

**Technique Elections May Be Changed**  
At the request of D. B. Jennings '24, a special committee was appointed by the president to investigate the manner of electing editors for Technique. During the past years the Technique Electoral Committee has elected the board for the coming year from the Sophomore class and the 12 men who received the appointments constituted the board of the Technology year book for the following year. In this way the men who were elected had little if any idea how Technique should be published and run and they had no recourse to any one for help in this direction. It has been recommended that the election to the board of Technique be made in the usual way, namely, that a competition be inaugurated among the freshmen in order that they may work up to positions on the board in the same manner as the other activities select their managing boards. However, if the change is made there will be no difference in the publication; it will still be the Junior class year book and Juniors will hold the editorial positions. A report of this committee will be made at the next meeting. Pending this decision, the Technique Electoral Board will be postponed until the second week in February when the discussion of this matter will be continued.

(Continued on Page 6)

## LOCAL CHINESE CLUBS PLAN CHRISTMAS PARTY

Large Attendance Expected at  
Affair Held at Harvard  
Next Week

The Technology Chinese Students' Club will combine with Chinese Clubs of Boston University, Harvard, Tufts, and Radcliffe for a Christmas party, which will be held at the Phillips Brooks House, Harvard, on December 27 at 7:30 o'clock.

About one hundred students are expected to be present. Entertainment will be furnished, including music by students from the New England Conservatory of Music, and appropriate games. Plans are under way to have an exchange of gifts, each person bringing a small gift.

Information Bureau Meet

The Chinese Student Club's Information Bureau, which was recently organized, met on last Sunday afternoon for the first time and made plans for the work which they plan to do. The purpose of this bureau is to obtain speakers from among Chinese students for churches and other organizations desiring speakers on China. It is composed of thirteen members, five of them being Technology men. The Bureau wishes to extend its services to all who have need for information about China.

## MANY ATTEND TALK ON WELDING GIVEN FRIDAY

Professor A. S. Kinsey Tells  
How to Cut Steel and  
Cast Iron

Despite the fact that the examination period had already begun, nearly 200 men attended the lecture on welding given last Friday evening in room 5-330. The lecture was given by the Mechanical Engineering Society in conjunction with the Boston Section of the American Welding Society.

Professor A. S. Kinsey explained how oxygen and acetylene were prepared in commercial plants, and how they could be used to cut and weld steel and cast iron and many other metals. While the lecturer explained the processes of the operation under discussion were shown.

After the lecture a period of half an hour was devoted to answering questions raised by members of the audience. Mr. T. A. Wry, president of the Boston Section of the American Welding Society then gave a brief talk on the necessity of the Boston members bringing in new members in order that an active organization might be maintained.

Mr. Wry closed his speech by introducing Mr. C. A. McCune, president of the American Welding Society who gave a short talk. The meeting closed with a comic movie entitled "The Roping Fool."

## TECHNOLOGY RADIO SPANS OCEAN EASILY

Regular Traffic Set Used in  
Trans-Atlantic Tests  
Last Week

In the transatlantic tests held last week, the M. I. T. Radio Society's station 1XM was heard on three different nights. These tests, which were inaugurated last year, are arranged by the American Radio Relay League working in conjunction with wireless amateurs in England.

No Special Equipment Used

No special equipment was being used at 1XM for transmitting when the signals of the station were heard in England. The regular set which is used nightly for handling routine traffic was used for the tests. This transmitter consists at present of one fifty watt tube, in a special transmitting circuit developed by the society. High voltage direct current is obtained from a transformer and mercury arc rectifier. 500 cycle alternating current is available from a motor generator set, and when used is applied directly to the plate of the tube.

Throughout the tests the transmitting tube was being operated at its rated capacity, and was never overloaded. Due to a special arrangement of the station's counterpoise system, however, a radiation of 4.5 amperes is obtained. This current is measured in the lead to one of the counterpoises.

1XM was one of a group of amateur stations which had a special schedule assigned for the tests. In order to qualify for this special class, a record of authentic transmission overland of 1200 miles, had to be submitted. 1XM was also a special station in the tests last year, but was not heard in England as many times as in the present tests.

## MECHANICALS INVITED TO WELDING EXHIBITION

During the second week of January the Boston Section of the American Welding Society will hold a meeting at the Lynn plant of the General Electric Company. The Mechanical Engineering Society has been invited to attend and arrangements can be made for any other men to go. The meeting will start in the afternoon and continue through the evening, dinner being served free in the company's restaurant. There will be an opportunity to inspect the entire plant and in the evening there will be a demonstration of all kinds of welding.

## WANDERING GREEKS

Are asked to leave their names and the names of their fraternities and former colleges in the Information Office before January 15.

## ALUMNI COUNCIL PLANS FOR NEW DORMITORIES

Plans for Organizing Club of  
Boston Alumni Taken  
Up at Meeting

The location and type of new dormitories for Technology was the main topic of discussion at the meeting of the Alumni Council held last night in the Faculty dining room, Walker Memorial. J. W. Rollins '78, was appointed chairman of a committee to report on this matter.

The advisability of establishing a luncheon club or similar organization of Technology alumni in Boston was discussed. The purpose of this plan is to provide a means of getting together Technology alumni around Boston a certain number of times a year.

An account of the Alumni meeting held in New York last Saturday in honor of President S. W. Stratton was given by I. W. Litchfield '85, Dr. A. W. Rowe '01, James P. Munroe '82, and several others.

## LATIN AMERICAN CLUB ADDS TO MAIN LIBRARY

Make Latin American Literature  
Available to Students

In order that engineering students at the Institute who contemplate employment in the Latin American countries after graduation may have at their disposal true information regarding this field, the Latin American Club has undertaken the formation of a section in main library devoted to the literature of these countries. This activity of the club was inaugurated two years ago since when a collection of over 300 volumes has been secured. Most of the books are on history and general subjects by Latin American and Spanish authors.

Some books, however, are in English so as to help American students who do not understand Spanish to gain a more exact knowledge of the Latin countries than the popular conception, which is often based on ignorant prejudices. Latin American students at Technology find that the literature of their countries is almost unknown here, in spite of the fact that important literary movements have had their origin in the southern nations.

The nucleus around which the present large collection was built is a contribution of several volumes from the Minister of Public Instruction of Honduras secured through a graduate of the Institute.

## DR. THOMSON TO MARRY MISS CLARISSA HOVEY

Engagement of Technology's  
Acting President Is  
Announced

The engagement of Miss Clarissa Hovey of Boston to Dr. Elihu Thomson, Acting President of Technology, has recently been announced. Miss Hovey is the daughter of the late Mr. and Mrs. Theodore M. Hovey, and has attained considerable prominence in the field of photography through her achievements in autochrome work.

Dr. Thomson has been Acting President of the Institute for several years and when he took the office he did so with the understanding that he would not fill the position permanently. At that time he stated, "There is no predicting when a successor to the late President Richard W. Maclaurin will be chosen. It may be many months, and I have no desire to take the office for a life job."

Dr. Thomson will end his term of office at the beginning of the new year when Dr. Samuel Wesley Stratton will take up his duties as Technology's President. Dr. Thomson is President of the General Electric Company and is well known in electrical and scientific circles.

## TEA HELD IN HONOR OF COL. F. W. PHISTERER

The tea held for Colonel Frederick W. Phisterer, new head of the Military Science Department, last Tuesday, December 12, was attended by a number of the professors and their wives. All of the officers of the Military Science Department and their wives were present at the function.

## FOREMOST SCIENTISTS OF COUNTRY TO CONVENE HERE

Annual Convention of America's Scientific Men  
with Pratt Building as Headquarters  
Starts on December 26

ALL BRANCHES OF SCIENCE REPRESENTED

Three thousand scientific men from every part of the United States and Canada will invade Boston and Cambridge next week for the discussion of scientific problems of the present day, when the American Association for the Advancement of Science holds its 75th meeting here from December 26-30, at the joint invitation of Technology and Harvard.

The sessions will mostly be held in the Technology buildings here. The Pratt Building of Naval Architecture will serve as headquarters for the American Association. A few of the meetings will be held at Harvard, and other educational institutions will participate in the welcome to the visiting men of science.

Every field of scientific progress will be represented by distinguished men. The American Association is divided into fifteen sections, each for the discussion of a special subject such as physics, astronomy, or zoology, and has no less than 42 different societies affiliated with it. All these sections will hold sessions here during Christmas week. It is estimated that every morning and afternoon for three days there will be as many as twenty meetings going on simultaneously, every one of them devoted to the comparison of notes on the latest results of scientific investigation in some special subject and that a total of over a thousand addresses and papers will be presented.

## PRESIDENT STRATTON ADDRESSES BY RADIO

Over 300 Alumni Present at  
Big Reception Held  
Last Saturday

J. P. MUNROE GIVES SPEECH

When President Samuel Wesley Stratton addressed the large gathering at the Alumni dinner in New York last Saturday evening, his voice was carried by radio to the homes of hundreds of Technology alumni who were unable to be present at the dinner. In view of this fact, Dr. Stratton chose to talk on the history of the application of radio.

Beginning with the early use of wireless for intership communication, Dr. Stratton described the development by the Bureau of Standards of signaling devices which made it possible for ships to obtain their bearings from other ships, and ultimately from stations on land. By one of these inventions, the Radio Compass, the danger of wrecks and collisions on account of fog has practically been eliminated. Dr. Stratton also told of the adoption by the Navy of one of these devices during the war. By its use it was possible to locate submarines. Wireless than made it possible to keep the merchant ships away and to send the destroyers in.

Looks for Less Restriction of Radio

Dr. Stratton next discussed the recent rapid development of radio which made it necessary for the Secretary of Commerce to call a conference. At this conference certain wave-length bands were assigned exclusively to the different classes of radio communication, such as Army, Navy, State departments, newspapers, broadcasting, amateurs, and so on. Dr. Stratton said that the demand of amateurs for less restriction of wave-lengths is becoming so great that he believes that

(Continued on Page 6)

## CORPORATION XV ENDS YEAR OF ACTIVITIES

History of the Society Tells of  
the Many Benefits to  
Be Derived

Shortly after Course XV, Engineering Administration, was originated at Technology, the need of a professional society, devoted to the interests of the students in this new course, was realized. Consequently, in May, 1916, a charter was granted by the state of Massachusetts to Course XV Corporation, "for the purpose of holding literary, engineering, scientific, economic, or social meetings, to discuss scientific problems, and to do such other things as are incidental to these purposes." The early success of the Corporation was due to a group of enterprising Juniors led by D. E. Bell and acting upon suggestions from Dr. D. R. Dewey.

Members Become Stockholders  
The Corporation's first year was 1916-1917. The membership amounted

(Continued on Page 3)

The list of sections which will hold meetings give an idea of the scope of the discussions. The subjects to be covered include mathematics, physics, chemistry, astronomy, geology and geography, zoological sciences, botany, anthropology, psychology, social and economic sciences, engineering, medical sciences, agriculture, and education.

Headquarters in Pratt Building

Hundreds of rooms have been reserved at Boston hotels for the visiting scientists. The Somerset will serve as general hotel headquarters and as headquarters for the naturalists; the Brunswick will be the headquarters for the entomologists, the Westminster for the mathematicians and physicists, the Parker House for the zoologists, the Bellevue for the botanists and the Copley Square Hotel for the astronomers and horticulturists. Hundreds of other delegates will stop at other hotels or with friends.

The work of making the Pratt Building ready for the occasion is already under way. The museum of naval architecture, which is the big room on the first floor directly opposite the entrance, will serve as a registration room. The library next to it will be fitted up as a pressroom for the newspaper representatives. Another room upstairs will be used as a lounging room for delegates between sessions.

Professor Prescott Local Chairman

The convention will formally open on Tuesday evening, December 26, with a big meeting in Walker Memorial. Professor S. C. Prescott '94, head of the department of Biology and Public Health, and chairman of the local committee on arrangements, will introduce Mayor Quinn of Cambridge, Mayor Curley of Boston, Dean H. P. Talbot '85, and President Lowell of Harvard, who will welcome the visitors on behalf of the cities and the universities which are acting as hosts.

(Continued on Page 5)

## SECOND TERM GENERAL BULLETIN READY SOON

In a short time the General Bulletin for the second term will be available to the students giving instructions regarding room changes and textbooks. It is imperative that each student must call for his own approved registration card on January 2. It is also advised that the students attend the convocation at 3 o'clock, January 2, in Walker Memorial to hear Dr. Stratton's address.

## CALENDAR

Tuesday, December 26  
8:00—Open Convention of Association of Sciences, Pratt Building of Naval Architecture.

Wednesday, December 27  
7:30—Meeting of Technology Chinese Club with clubs from Boston University, Harvard, Tufts, and Radcliffe, at Phillips Brooks House, Harvard.