

"TECHNOLOGY SPIRIT IS ROTTEN" SAYS DR. CONNORS AT SMOKER

Activities Join in Making All-
Technology Smoker
Success

DEAN EXPRESSES DESIRE FOR MORE DORMITORIES

Key to Walker is Presented to
Undergraduates by
Dr. Rowe

From the time the first freshmen filed into the dining room until the singing of the Stem Song closed the program, Walker was alive with the 1500 men attending the All Technology Smoker. Addresses by Dr. A. W. Rowe '01, Dean H. P. Talbot '85 and Dr. T. J. Connor, the new coach, were the features of the program. Athletic exhibitions in the gym and displays by the activities in their offices were held in the earlier part of the evening for the entertainment of the men who were not eating.

Dr. Rowe made the annual presentation of the gold key to Walker to W. H. Robinson, Jr., '24. This symbolized the giving of the building as an activity headquarters to the students from the Alumni Association. Robinson turned the key over to T. F. Bundy '24, chairman of the Walker Memorial Committee, who accepted it, saying: "Gentlemen, the building is yours. Now I'll lock the key up for another year."

Dean Hopes for More Dorms
"Traditions" was the subject of the Dean's address. He spoke of Rogers' Steps, the All Technology Smoker, Field Day and Tech Night, and smoking in the corridors. He expressed regret that Dr. Stratton was not there and a hope for more new dorms, which would "build up a center for new traditions."

In closing he reminded the gathering of the general good will existing throughout the student body, and also issued a plea "not to forget that we have the reputation of the Institute in our hands on Tech Night." Finally he urged the importance of good scholarship, saying "to get by is one of the

(Continued on Page 4)

AERONAUTICALS GIVE FREE RIDES

Prof. Heymans Discusses ZR-1
Tests at Smoker

The Aeronautical Society is going to give a free airplane ride to two of its members who shall have signed up before Thursday. The choosing will be by lot at the society's smoker to be held on Thursday evening at 8 o'clock. The main speaker of the evening will be Prof. P. Heymans who will give a talk on the tests conducted by him at the Institute with the model of the navy dirigible ZR-1. The talk will be illustrated by many lantern slides showing the new photo-elastic methods of testing a piece of construction.

Prof. E. P. Warner '17 also intends to be there to give a talk on "Commercial Aviation," in which he will discuss the future possibilities of the airplane as a means of transportation.

Invitation to attend is extended to all students who are interested, and those wishing to join the society may do so at that time.

COLLEGES HONOR THREE OF INSTITUTE FACULTY

Three members of the Institute Faculty were honored with degrees from other institutions last June. Prof. S. C. Prescott '94, head of the Department of Biology received the honorary degree of D. Sc. from Bates College in Maine. Prof. R. H. Smith of the Mechanical Engineering division received the honorary M. S. and Prof. A. H. Gill '84, of the Chemistry department, the honorary D. Sc. from Rhode Island State College at commencement exercises there June 18.

T. C. A. CABINET ATTENDS SETTING UP CONFERENCE

Last Saturday afternoon the T. C. A. Cabinet journeyed to the Mansfield Tavern at Mansfield where the annual Setting Up Conference was held, over the week end. At this conference the members of the cabinet, which is comprised of the officers and heads of departments, each presented, in a fifteen-minute talk, the work of his department and discussed the plans for the year. Mr. Kingsley Birge, Student Y. M. C. A. Secretary for the Colleges of New England and Professor Sutherland '11, of the T. C. A. Advisory Board, were guests of the Cabinet. This is the second conference held away from the city as the out of town conferences have been found the most successful. One half of the expenses are paid by the T. C. A. and the other half is borne by the individuals.

SECOND MEETING OF JOURNALISTS THIS AFTERNOON

Freshmen Taking Course to Be
Excused From 5 Weeks
Work in EH11

REGISTRATION LIST FOR SUBJECT IS STILL OPEN

About twenty men appeared at the opening of the class in Journalism, which is being given by the English and History Department for a period of five weeks. Over half of this number were freshmen who will be excused from the first five weeks of their EH11 if they make a satisfactory grade, while the rest were members of the staff of THE TECH.

The second meeting of the class will be held today in room 2-274 at 5 o'clock. After today, however, the meeting will be at such hours as will be most convenient to the majority of those enrolled. The course is open to any one attending the Institute, and any wishing to take it, that have not registered, should come to class today.

Instructor Experienced
Mr. Penfield Roberts of the English and History Department will be in charge of the course. He plans to use copies of THE TECH as a source of instruction in addition to the textbook "Practical Exercises in News Writing and Editing" by D. W. Miller. He has had considerable newspaper experience and is at present doing feature work and musical criticism for the Boston Globe.

If the course is a success, Mr. Roberts says that the Department of English and History may give a similar one later, allowing freshmen to substitute it for their five weeks of Composition.

TECH GETS NEW MACHINES

A carload of new machines has arrived for the Institute and they are now being installed. In the shipment was included an electric dynamometer for testing scapline engines. This is being installed now in the Navy Department building 38.

In the same carload was another dynamometer of 75 H. P. for use in the Power Measurement Laboratory, in the basement of building 5. Both of these machines were built by the General Electric Company at their Bloomfield, N. J., plant.

CHEMICALS TO HEAR DR. F. J. MOORE WEDNESDAY

Dr. F. J. Moore of the Organic Chemistry Department at Technology will be the speaker at the first smoker of the Chemical Society next Wednesday evening at 7:30 o'clock in the main hall of Walker. His subject will be "Some Great Schools of Chemistry." Dr. Moore received his degree in Chemistry from Heidelberg in 1892, and is the author of "History of Chemistry." He has spent most of his time at Technology for the last twenty-nine years.

This smoker will be open to anyone desiring to attend and an opportunity will be given to join the society. A table drive for membership in the Society will be conducted today, tomorrow, and Wednesday in Building 2 near the Chemical Engineering headquarters. The program includes besides Dr. Moore's address, an Industrial Movie on Sugar and a Mermaid Comedy entitled "Backfire."

PHILLIPS EXPLAINS DISCUSSES RELATIVITY

Professor H. B. Phillips, well known to students of M23, will be the speaker of the evening at the first meeting of the Math Club tomorrow night in the Faculty and Alumni room, Walker. His subject will be "The Theory of Relativity" and will embrace the so-called "special" theory which asserts the relativity of all uniform motion and the later "generalized" theory of the relativity of all non-uniform motion. The meeting will be held at 8 o'clock and both the students and Faculty are cordially invited.

COOPERATIVE PAYS DIVIDENDS TODAY

Arrangements Made for Special
Cashier to Be Present
to Cash Checks

Again the Technology Cooperative Society gives away money in the form of dividend checks. A dividend of ten percent on cash purchases and eight percent on charge accounts has been voted by the committee, thus giving sizable checks to those who purchased goods at the Technology branch last year. Payments will begin at 10 o'clock today, lasting until 12 o'clock. After half an hour rest, the crowd will be allowed to collect their checks until 3:30. The same program holds for Tuesday. As it is expected to take care of most of the crowd these two days, a special cashier from the Cambridge Trust Company will be present to cash all checks. After Tuesday, members can secure their dividends at the store during the regular store hours.

If it is desired by men who do not find it convenient to call at the store, checks will be mailed to any address given by them. They will be sent out today in order to let men get them as soon as possible. The dividends of the whole Society, which consists of the main store at Harvard as well as our Technology branch, amounted to some \$50,000. In the Technology Branch last year there were just a few shy of 3000 members. Due partly to the year's decreased registration at the Institute the registration at the Technology Branch has fallen off to about 2700. It is not too late now, for any man who desires, to become a member and collect his dividends next October.

LAST PILE FOR NEW DORMITORIES DRIVEN

The last pile for the new dorms was driven at 5:00 o'clock last night. Work will now be able to get underway in earnest, as already one half the footings are in the remainder to be finished by Saturday. The cement forms for the base walls are also in place. The cement work has been aided greatly by an ultra-modern cement mixer. It is a mixer mounted on a one ton Ford chassis. With an extra transmission added, the jack shaft may be connected directly with the driving shaft of the Ford. This permits one man to run the machine alone, though two is the usual number working on it.



Technique Cup Which Stands in Trophy Room at Walker,
Replica of Cup Is Given to Highest Point Man.

MAJOR GOODIER JOINS MILITARY SCIENCE DEPT.

Formerly Has Served with Col.
F. W. Phisterer

The arrival at the Institute last Saturday of Major L. C. Goodier Jr., C.A.C., fills one of the several depletions in the staff of the Military Science department formed by the transfer of several of the officers formerly with us to duty elsewhere. To Major Goodier, his duties here represent a return to Coast Artillery service, after years spent in the Air Service.

He first became associated with the latter in connection with the R. O. T. C. unit at Georgia School of Technology, from which he graduated in 1908. He continued in this service until 1912, when he met with a serious accident causing his temporary retirement. This occurred when he was flying over San Diego field, as a passenger, with Glenn Curtiss, builder of the plane bearing his name.

Much Impressed by Institute
Major Goodier served with Lieutenant J. M. Heath at Georgia Tech. He has also served with Colonel F. W. Phisterer, head of the department of Military Science at the Institute. Major Goodier was very much impressed with the size and material resources of Technology. This is his first visit here.

RADIO SOCIETY HOPES TO BRIDGE ATLANTIC

Two-way transatlantic communication by amateur radio is to be undertaken this fall by the M. I. T. Radio Society station. Plans for the experiment were recently arranged when Leon Deloy, the French amateur whose station will form the European end of the plan, visited the Institute station.

The tests will be unusual in that wave lengths well under 200 meters are to be tried in an attempt to find a short wave which will best bridge the ocean. The main reason for using very short waves is that last year attempts at two-way communication were unsuccessful on account of the great interference on amateur wave lengths in this country.

Beginning November 18 the Institute station, 1XM, will test weekly with the French station, 8AB, on a wave length of 100 meters. Radio 1XA, the station of J. C. Ramsey, located at Andover, will transmit simultaneously with 1XM, on a slightly different wave length.

Change French Transmitter
About the end of the year, when the best radio conditions prevail, the wave used will be shifted according to the outcome of the fall tests. In the past it has been found that short waves are subject to bad fading at distances of over 1000 miles.

While Deloy was here a special wave-meter calibrated to read from 30-150 meters was made at 1XM for him, and as a result of the visit to our station he will modify his transmitter to improve his chances of success in the coming tests. 1XM has been heard in France several times before, but 8AB has not been heard at the Institute, although he has been heard in this country.

H. W. DEXTER '23 WINS TECHNIQUE AWARD IN TRACK

Cup Given Track Man Obtaining
Greatest Number of
Points Yearly

WINNER VERSATILE; IN WEIGHTS AND HURDLES

Secured Third in Hammer Throw
at Intercollegiates
Last Spring

The Technique Cup which is given to the Institute track athlete securing the greatest number of points during the year has been awarded to Howard W. Dexter, Jr., '23, whose all around work in the field events and the hurdles has placed him at the head of Technology's point getters for last year's track season.

In 1922 Technique started the custom of presenting to the Engineers' foremost track man a cup which is awarded entirely on a graded point system. The importance of the various track meets are considered and points obtained in these meets are graded according to the importance of the contests. A point obtained in a class or dual meet counts for one point towards the Technique cup, a point obtained in the New England Championships counts for three points, while a point obtained in the I. C. A. A. A. A. counts five. The original cup is kept in the Trophy room at Walker and a small replica is given to the winner each year.

Dexter Versatile Athlete
Dexter was on the varsity track team for three years and his ability in three events brought up the score for Technology in many a track meet. Although primarily a weight man, the shotput and the hammer throw being his specialties, he was among the foremost of the Engineers' high and low hurdlers. His ability in such a variety of events gave him a lead over all the other Technology track men for the Technique cup. Beginning at the I. C. A. A. A. meet at New York in March where he was the only Engineer to place, securing fifth in the thirty-five pound weight throw, and ending at the National Intercollegiate at Philadelphia, in which he placed fourth in the hammer, Dexter proved to be Technology's mainstay in the field events.

Placed in Every Meet
For his feat in placing at the Inter-
(Continued on Page 4)

CHORAL SOCIETY MEETS FIRST TIME ON FRIDAY

S. S. Townsend Acts as Conduc-
tor Again This Year

The first meeting of the Choral Society will be held next Friday, in room 5-330 at 7:30 o'clock. Any member of the undergraduate classes, who is interested in singing, or who has vocal talent, is invited to this meeting. Talent on the part of the applicants is desirable but not necessary.

The regular rehearsals of the Society will be held every Monday evening at the same hour and room. These rehearsals will be conducted by Stephen S. Townsend, who has a national reputation as a conductor of musical rehearsals, having worked in Philadelphia, New York, and Detroit. He has offered his services for the coming year, to the Technology Choral Society.

The main event of the year is to be a joint concert, given by the Choral Society and the Musical Clubs of the Institute. This concert will be held at Jordan Hall about the middle of the year. Several concerts will be given by the society alone, but at the present time the plans for these are not fully developed.

CALENDAR

Monday, October 15
8:00—Technology Dances Meeting, Emma Rogers' room.
Wednesday, October 17
7:30—Chemical Society Smoker, main hall, Walker.
Thursday, October 18
8:00—Arco Society Smoker, room 5-330.
Friday, October 19
7:30—Choral Society Meeting, room 5-330