

TECHNOLOGY SMOKER TO BE BIGGEST EVER

Two Thousand Men To Be There
To Hear Representatives From
All Activities—Eats, Smokes,
Entertainment—Are All Free

TICKETS LIMITED TO 2000

The All Technology smoker which is to be held in Walker Memorial on Friday night, Oct. 17, promises to be the biggest and best Technolgy. get-together ever held. Last year it was a question of getting everyone at the Institute to attend. Now Technology has grown so tremendously that the committee in charge of the smoker has found it impossible to solve the problem of accommodating every man in the school. Spacious as the Walker is the 2500 or 3000 men now here cannot all be gotten together at once. Owing therefore to the limited capacity of the hall the tickets will be limited to 2000.

A novel way has been devised for serving the dinner to the entire student body without confusion. Last year the men took their dinner by classes. This year each third of the 2000 tickets will be of a different color. Those possessing tickets colored white will eat at a certain time, while the rest are being entertained in other parts of the building. In about a half hour the first section will have finished and another will be in line. In this way it is hoped to avoid confusion and disorder.

Entertainment to be provided will consist of vaudeville acts, wrestling and boxing in the gym, sketches from the Tech Show, and motion pictures of a humorous sort. Besides having a four course dinner gratis, the men will each be provided with a package of cigarettes or a cigar—all free. The customary doughnuts will be distributed later in the evening.

Now the main purpose of this whole affair is to bring the school together, to acquaint the new men with the old, to tell the newcomers about the school life and the activities here—in other words, to imbue them with real Tech spirit. To accomplish this, there will be present that evening President MacLaurin and Dean Burton. Representatives from all activities of the Institute will explain the workings of their respective organizations and induce men to come out for them. Scott Wells '20, chairman of the Smoker Com, will preside.

CROSS-COUNTRY TEAM HAS MEET THREE WEEKS DISTANT

With the opening of the Institute year, comes an urgent call from the management of the Track team for cross-country candidates. A schedule of three dual meets in addition to the two intercollegiate meets is under consideration. Coach Kanaly says that with the first meet probably only three weeks away, nothing but the most serious work of a large number of candidates can put Technology in a position to win.

Among the old men who have reported for practice are Captain Dorr '20, Carpenter '21, MacMahon '21, Owens '20, Purcell '22 and Stone '21. Some of these men were members of the last regular cross-country team of two years ago which defeated Harvard and Dartmouth, and won the N. E. I. A. A. meet, and placed fourth in the I. C. A. A. A. A. meet.

The schedule now under consideration includes dual meets with Princeton, Syracuse, Bowdoin, and a possible one with Maine. The N. E. I. A. A. meet will be held at Franklin Park on November 15, and the I. C. A. A. A. A. meet in New York on November 22.

Coach Kanaly will meet candidates in the track house daily after one o'clock.

HARVARD COOPERATIVE SOCIETY STOCKHOLDERS NAME CANDIDATES

The stockholders of the Harvard Co-operative Society have made public the names of the men nominated to succeed the present board of officers and directors. Those named are as follows:

President W. B. Munro; vice-president, L. F. Schaub; treasurer, J. L. Taylor; secretary, W. Humphreys; directors from Harvard University at large, H. L. Blackwell and E. R. Gay; directors from Technology at large, H. S. Ford and H. Fay; director from Harvard alumni, H. S. Thompson; director from student body of Technology, H. V. Howes; directors from the Senior, Junior and Sophomore classes of Harvard, F. K. Bullard, F. C. Church and M. P. Baker respectively.

It is also announced that the dividend checks will be ready for distribution at the store on Monday Oct. 13. The rate of dividend is 10 per cent on cash purchases and 8 per cent on charge purchases.

PROF. IS APPOINTED

Colonel Dillon Joins Electrical
Instruction Staff

Colonel T. H. Dillon of the Engineers Corps of the United States Army, has resigned from the Army and his appointment to a professorship of Electrical Engineering at the Institute is announced, thereby adding his name to the already notable electrical engineering staff.

Colonel Dillon graduated from the Military Academy at West Point in 1904, and was appointed to the Engineers Corps of the Army. After some military duties he was assigned to the Engineer School of Application of the United States Army, from which he graduated in 1907. Since then he has had a wide, varied and notable engineering experience.

He was in Cuba during the American occupation as assistant to the Director of Public Works. He was occupied in the Philippines on the military survey to the Island of Luzon, part of the time being in charge of the work. Later he was located at Portland, Oregon in charge of the construction of the Dalles-Cello Canal around the Dalles of the Columbia River, and the roads in the Crater Lake National Park. He then was assigned to Panama and made electrical engineer of the Panama Canal and superintendent of the Gatun Locks. Here he was also in charge of engineering in the lakes division and the hydrographic division. He had the unique experience of locking the first great ships through the Gatun Locks.

In 1918 he went to France as Colonel in command of the 37th Engineers, which was the notable electrical and mechanical regiment whose reputation is widely known. In France he was Deputy Chief Engineer of the First Army of the American Expeditionary Forces during the St. Mihiel, the Aisne-Marne and Argonne-Meuse campaigns, in charge of the mechanical and electrical work, water supply, general construction, army shops and engineers' supplies for the army throughout these campaigns.

After the Armistice, Colonel Dillon was made Deputy to General McKinstry who was the Chief of the Board of Damages in Allied countries, and as such Colonel Dillon had charge of the plans for making the estimates for the American Peace Commissioners of personal and property damages suffered by the Allies on account of the aggressions of the enemies in the War.

Colonel Dillon brings a large fund of scientific training and engineering experience to his duties at Technology, where he will make a specialty of instruction in the problems of electric railroads including tramways and electrification of steam railroads and in the problems of power transmission.

EDITORIAL BOARD OF THE TECH MEETS TOMORROW

There will be an important meeting of the Editorial Board of THE TECH tomorrow afternoon at 5 o'clock in the Faculty Room of the Walker Memorial. All former and present members are urged to attend.

FRESHMAN CANDIDATES WANTED

Freshmen are called upon to come out and try for second assistant manager of the track team. Candidates should report to Manager Paul N. Anderson at the track house at 5 P. M. on Tuesday and Wednesday.

DELTA KAPPA EPSILON ISSUES CHALLENGE FOR FOOTBALL GAME

The Delta Kappa Epsilon Fraternity has issued through Scott Wells '20 a challenge to any fraternity or class football team in the Institute.

ACTIVITIES TO SHOW SLIDES AT ALL TECHNOLOGY SMOKER

There will be a period of time during the All Technology Smoker in which slides for the different activities will be shown on the screen. It can be readily seen that the advertising value of the slides will be high. Photos or simply printed statements will be appropriate. If each activity will hand in to the Smoker Committee a card containing what it wishes to have shown on the slide the committee will have a cartoonist draw suitable pictures for the notices if the activity so desires.

MAYOR OF COMPIEGNE THANKS DEAN BURTON

For Technology's Generous Contribution to the Fund for the
Erection of a Memorial to
Captain Guynemer

\$325 GIVEN BY STUDENTS

Dean Burton has received a letter from the mayor of Compiègne, France, acknowledging the receipt of a check for \$325, which was Technology's contribution to the Guynemer Memorial fund.

St. Cyr on the Lorie
(Indre and Loire)

Mr. de Seroux, adjunct delegated by the city of Compiègne to the Dean of the Institute, Cambridge, Mass.

Dear Sir—I have the honor of acknowledging the receipt of your very kind letter of the 27th of last May, which enclosed a check for 1623 francs and 10 centimes, the sum of the subscription of the students of your Institute and of the Corps 16 and 17 of the Naval Aviation Corps contributed for the erection of a monument in honor of Captain Guynemer.

Your letter did not reach me until July 5th, not having been delivered because of the events which took place in Compiègne, the evacuation of the town, scattering of the inhabitants and of the officials. That will explain to you the delay that I have had in acknowledging the receipt.

In the name of the city of Compiègne and myself I address to you, likewise to the generous donors my very hearty and sincere thanks.

I thank them from the bottom of my heart for the expression of admiration for our great aviator, which they have shown by their desire to contribute to perpetuate his memory.

Kindly accept, Dean, the assurances of my most marked gratitude and esteem.

(Signed) deSeroux
(for the mayor)

Subscriptions for this fund were made at all the leading universities in the country. The campaign at Technology started May 9, 1918 and lasted a week. An effort was made by the committee in charge to have every man give twenty-five cents. By means of these small subscriptions the men of the Institute showed their appreciation and admiration of Captain Guynemer by raising three hundred and twenty-five dollars.

M. I. T. A. A. MEETING

A meeting of the M. I. T. A. A. will be held in room 10-267 at 5 o'clock, Friday, October 10.

THEORY AND PRACTICE ARE COMBINED IN COURSE VI-A

Cooperative Course In Electrical Engineering Once
More Successfully Established
On Its Pre-War Basis

COURSE IS LIMITED TO THIRTY STUDENTS

RADIO SOCIETY SPEED UP ITS STATION CONSTRUCTION

Opening Meeting Will Be Addressed By
Navy Official

The Technology Radio Society has made considerable progress in its drive to have its transmitting and receiving stations open for action by the time registration has been completed at the Institute. The officers of the society have purchased a complete receiving set in addition to parts for the antennae, and are erecting the station at the present time. The site picked out for the location of the station is a corner of the foundry room which will be partitioned off as soon as possible, making a small room in which the set will be located. The society is to have two serials when the station is completed, one of which is already erected, going from the top of the power house smoke stack to the top of the foundry building. This one is to be used for the reception of long distance radiograms, in conjunction with a long wave receiving set, and the other now under construction is to be used for short wave reception. The transmitter will be operated on the latter serial, probably on a wavelength of 450 meters.

The society has purchased a Grebe short wave regenerative set, with a tuning range up to about eight hundred meters, and has also been successful in receiving a gift from the Boston Navy Yard three Navy receiving sets, one of which is valued at a thousand dollars. By the aid of this equipment, the station operators expect to receive practically any station in the world whose sending power will carry to Cambridge.

The transmitting set which will be used at the present time is one of a quarter-kilowatt primary capacity, of the rotary spark gap type; but it is expected that at a later date this equipment will be replaced by a very up-to-date set. If the plans of the society are carried out to their full extent, the end of this scholastic year may see the installation of a radio phone equipment.

To meet the expenses of the society incurred through this investment in apparatus, the officers have decided to fix the dues at two dollars a year. The great number of ex-service and especially ex-radio men who are at the Institute this year is believed by the president to point to a membership of several hundred students.

To open up the year officially to the student body, a talk will be given on Tuesday, October 14 by Lieutenant-Colonel J. B. Will of the Boston Navy Yard. The subject of discussion will be the Navy development of the radio compass, and also some information will be given out concerning the Navy receiving tuning coils which were so effectively used during the World War. The plans of the year will be outlined at the meeting, and the operating schedule of operators at the station will be given out.

POLAND '90 JOINS ARMENIA MISSION

W. B. Poland '90, who has been the Director for Europe for the Commission for Relief in Belgium and Northern France and who was given the Cross of the Legion of Honor by the French Government, and later made a Commander, has recently been named as a member of the American Mission, headed by Maj.-Gen. James G. Harbord, which is to investigate conditions in Armenia and Transcaucasia.

Course VI—A co-operative course in electrical engineering, which was originated in 1916, and was successfully operated up to last year, will be re-established this fall, according to the following information supplied by the electrical engineering department. The General Electric Company and the Institute co-operate in this course. "Distinct success" has been the verdict in the years that this course was in operation.

The General Electric Co. normally employs 65,000 people in its many plants throughout the United States. It designs and manufactures electrical machinery and apparatus of nearly every description, steam turbines, of small, medium and large capacity, and many other mechanical devices of intricate design. The annual sales value of which exceeds one hundred million dollars.

The West Lynn plant of the Company is located at Lynn, Mass. This plant is the second largest of the many factories, covering more than 200 acres and employing over 12,000 men and women.

The city of Lynn is situated along the seashore within ten miles off Boston and is a city of attractive natural environment, bordered by a magnificent ocean boulevard. Access to the works from Technology is by means of inter-urban lines and train service.

Course VI-A was created to supply the ever-increasing demand for men of well-grounded and specialized knowledge added to a broad education, who have the power to apply the theories of science to the practical requirements of manufacturing. This demand has led to the establishment of a course of study and practice in which the advantages of the instruction at the Institute and the practical training in the shops of the General Electric Company are joined for the purpose of developing the highest scientific, engineering and administrative faculties of those who desire to go into the manufacturing industries. This course affords a definite professional education of high order for the technical and executive responsibilities of the electrical and manufacturing industries.

The course covers a total of five years, the first two being identical with the regular course in electrical engineering. Course VI, at the Institute, and the last three being divided between instruction three being divided between instruction in practice at the West Lynn Works of the General Electric Co. The instruction at the Institute during the first four years of Course VI-A is similar in method and content to the usual course in electrical engineering at the Institute, with certain omissions and abridgements for which equivalents are provided at the Works. The work of the final or fifth year comprises advanced or postgraduate study with the emphasis on problems of administration, project design and creative research. The training at the Works is laid out and constructed with a primary view to

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WALKER GALLERIES ARE OPENED

Among the many new and useful innovations constantly being opened to the Institute students, it is interesting to note that the galleries of the main dining hall of the Walker Memorial, so long standing idle, have at last been opened to general student use. Numerous writing desks, chairs, and luxuriously upholstered divans arrived several days ago, and the work of putting the place in perfect condition has been steadily pushed forward, so that the galleries could be opened yesterday when the rest of the building was put into use. It is expected that the use of the collections of books in the second floor reading rooms will be extended to the newly opened galleries.

INSTITUTE COMMITTEE

The Institute Committee will hold an important meeting in room 10-275 on Thursday, Oct. 9, at 5.00 P. M.