

CALL MEETING OF SOPHOMORE CLASS THIS AFTERNOON

Plans for Field Day Will be Presented by Leaders in Charge

SOPHS EXPECTED TO WIN

Atkinson Will Speak to Class on the Enforcement of Freshman Rules

All Sophomores are called to an important Mass Meeting this afternoon in Room 10-250 at 4 o'clock. The time of Field Day is rapidly approaching, when the Sophomores meet the freshmen to battle for superiority in football, track, crew, and the tug-of-war. Plans for this Field Day will be discussed, and a call for candidates for the various teams will be issued. A 100 per cent turnout of the class is expected.

Horace S. Ford, Jr., '31, will be in charge of the meeting, to be conducted in an informal manner. "Os" Hedlund and "Bill" Haines will address the class. Albert L. Eigenbrot, '29, will be there to help increase the spirit of the class by conducting some cheering.

Ralph B. Atkinson, '29, Chairman of the Rules Committee, will speak to the class on the Freshman Rules. Now that these rules are in force, the men will be instructed as to what they can do to enforce them and make them a real success, for the chief burden of enforcement naturally falls upon the Sophomore class. The rules will be explained in detail so there will be no misunderstanding of their friendly purpose.

Of course the Sophomores are expected to crush the freshmen on Field Day. All Field Day leaders, including coaches and team captains who can possibly attend this meeting, will be there to talk to the men and give them any information they desire on track, football, crew, or tug-of-war. The outlook for success is bright in all events. A great deal of interest in the class teams has already been shown. The Sophomore crew is very well established under the leadership of Coach Bill Haines.

The football team has been practicing regularly. Most all the men of last year's team are back. Those who attended Field Day last year will recall that this team trounced the Sophomores on that occasion, and a victory over the freshmen this year is naturally expected. The relay team has as yet only eight men out while twelve are required for the race, but it is hoped that more men will turn out shortly. Candidates are needed for the tug-of-war. The call has not been made as yet but it will be out soon.

Last year the freshmen won the glove fight by an overwhelming majority. The freshmen this year are trying to do as the Class of '31 did last year. Sophomores are urged to come out in full force for this event. The Mass Meeting, it is hoped, will weld the members of the Class of '31 into a strong unit, and materially advance the preparations for Field Day.

Dividend Certain Announces Mr. Cole

"Set aside all rising fears ye doubtful ones", reassures Coop Manager Cole in a special dispatch to THE TECH last evening. Furthermore he wishes to be put down on record as saying that last year's dividends will be ready for distribution on Monday, October 15. This date has been chosen to recuperate the finances of those embarrassed by a hectic holiday week end. For the sake of his reputation Mr. Cole also announces that his telephone was only out of order and not cut off waiting payment of his bill.

Voo Doo Plane Flies Over School Friday

For reasons unforeseen, Phosphorous' great publicity stunt, that of distributing six subscriptions to Voo Doo and an airplane ride of twenty minutes over Boston in a Skyways, Inc., plane, has been postponed until Friday noon, when the plane will fly low over the parade ground between Walker and Building 2 and drop out the tickets, attached to small parachutes. Those who have the good fortune to secure one or more of these tickets should return them immediately to the Voo Doo office on the third floor of Walker Memorial and receive their subscription book or receipt for their ride in the plane.

In the above manner, the prodigies of The Cat will bring before the student body the opening number of Voo Doo, the Freshman Number, which will be on sale around the Institute on Monday morning. Unfortunately, the magazine which was scheduled to appear this week, has been held up, and hence its late appearance.

PRESIDENT NAMES DEWEY ON BOARD

Railway Dispute Over Trainmen's Wages Causes Immediate Investigation

Member of the railway emergency board recently chosen by President Coolidge, is the latest responsible position given Professor Davis Rich Dewey, head of the Department of Economics and Statistics at Tech. Leaving a few days ago for Chicago, Dr. Dewey planned to meet the board today, when it will begin its task of investigating and reporting on wage and rule matters in dispute between the railways in western territory. Forty-seven railroads and subsidiaries are involved.

Wages of conductors and trainmen are the chief cause of the dispute since those in the western group are the only members of the brotherhood who have not received an increase in pay during the last wage cycle. Dr. Dewey is one of the five men who were chosen by the president from all parts of the United States to investigate the matter.

Professor at Tech since 1893, Dr. Dewey has engaged in a great many outside projects, serving on many bodies appointed to investigate conditions among workers in Massachusetts. He has also written extensively in statistician and economic subjects. Professor Dewey is managing editor of the American Economic Review and a member of the American Statistical Association, the American Economic Association, and a trustee of the Massachusetts College of Agriculture. He was director of the economic section of information and educational service under the department of labor in 1919, and is also a fellow in the American Academy of arts and sciences.

DORM COMMITTEE HAS MEETING IN CHAFTS

The Dormitory Committee held its first meeting of the year in the Dormitory Committee room in the basement of Crafts last Monday evening at 5 o'clock.

Investigation was made of the placing of a cow on the roof of the Class of 1893 dormitory the Saturday before examinations last June. The names of the culprits are known to the committee but have not yet been revealed. It was decided that the election of representatives from the Class of 1901 dormitory and sections D, E, and F would be held next week and that, in the athletic contest of the dormitories, '01 and section D will be considered as a unit as will sections E and F.

The old dormitory office in Ware will be converted into offices for the various dormitory activities. The duties of the Secretary-Treasurer were divided, the present incumbent retaining the office of Treasurer and a new Secretary being elected at a future meeting.

All-Technology Smoker On Friday Night Will Be Better Than All Others

NEW BUILDING FOR ENGINE LAB BEGUN AT THE INSTITUTE

Work on Foundations Behind the Aeronautical Building Started Today

PLAN IS 80x175 FEET

Building in Same Architectural Style as Main Body of Institute

Construction of an internal combustion engine laboratory, the first unit of a series which will be built in the future, was started at Technology today.

The new building will stand directly behind the Daniel Guggenheim Aeronautical laboratory near the Massachusetts Avenue side of the Institute grounds, and will be 80 feet wide, and 175 feet long. The laboratory will be finished in harmony with the general architectural scheme of the other Technology buildings, and will have two wide sky-lights running almost its entire length to give research workers the advantage of natural light.

Upon completion of the laboratory further expansion of the Institute's far-reaching program of internal combustion engine research will be possible. The work in this field which has been going on at Technology for four years, has taxed the available space, and important new studies will be undertaken when the laboratory is ready.

Preliminary plans for the work to be undertaken provide for further research in aeronautical automobile, and Diesel engines, a number of which will be installed as soon as possible. Various other pieces of apparatus will complete the laboratory equipment, making it one of the most important in the country.

Expansion of Technology's facilities for research in this branch of engineering is in line with the universal interest among scientists and engineers in the problems of improving internal combustion engines.

DORMITORIES FILLED—LARGE WAITING LIST

Thirty Join Fraternities But Loss is Easily Made Up.

Although about thirty men have left the dormitories for fraternity houses, their loss is more than made up by the applicants from an enormous waiting list. According to Superintendent of Dormitories, Mac Cafferty, thirty men is about the average number of men who leave at this time of the year for fraternity houses.

As far as the service is concerned, the fraternity men might well have remained in the dormitories. The service this year bids fair to be above reproach. The personal includes fifteen porters, two window washers, and a handy man, assuring adequate provision for the comfort of the students.

At this time of the year activities, pugilistic and otherwise are not yet in full swing. However, as one unfortunate "Dormite" will be happy to verify, some rooms are very easily re-arranged—the last in no artistic sense of the word.

Because of new innovations in telephone service, general management, etc., those men who are given the opportunity to occupy the rooms left vacant by the new fraternity men must consider themselves very fortunate indeed.

Tardy Registration Nets Bursar \$910.00

Leap year has had a bad effect on the promptness and punctuality of our students in registration as indicated by the fines for tardiness which Uncle Horace states amount to \$910.00. Twenty-eight more fellows chose to part with five useful dollars this year than resigned themselves to the same fate a year ago. Every form of grim and cautious warning was circulated by the Bursar's office, but as the figures show, many did not heed the threat.

More respect and reverence for a five dollar bill is necessary.

ADD NEW FEATURES TO T.C.A. MANUAL

813 Copies Are Distributed to New Students and All Transfers

According to a report received from General Secretary Wallace M. Ross of the T. C. A., 2000 handbooks were published this year over the 1500 which were published last year. All of this year's copies had leather covers. Last year 1000 books were bound with leather and the remaining 500 were bound with paper.

An innovation was made in incorporating the calendar scheme which lists the dates of the various meetings of the different activities at the Institute. The directory containing the names of those holding activity positions has been increased to five pages, including the names of the presidents of the different societies at Technology.

In the list of the social fraternities, the chapter, the president's name, and the date and place of the founding of each fraternity is given.

Copies of the book were sent out to 813 freshmen and transfers, as follows: 223 to men entering by the College Entrance examination board examinations, 125 to freshmen entering by transfer, 103 to men entering by transferring to the three upper classes and to 192 men taking the September examinations.

Henry O. Pattison, Jr., '30, was elected as General Manager of the 1929-30 Handbook. Reginald W. Tarr, '30, was chosen as the Managing Editor and Burton Denison, '31, will fulfill the office of Business Manager.

The cost of the book is greater this year than before, namely, about \$900. It is not as yet known whether the adds will cover the cost of publishing the book.

TECH SHOW ISSUES CALL FOR AUTHORS

On October 8 at 5 o'clock in the Tech Show office, Room 301 in the Walker Memorial Bldg., there will be a meeting of those interested in skit-writing and those who have dramatizable material which needs a little organization. Last spring a meeting for this purpose was held, but apparently the pressure of exams dampened the enthusiasm of would-be actors, writers and directors. A large meeting is expected since any ambitious Tech man is at present free from worries, and the value of group discussion will be obtained.

It is of particular note that more time and attention can be given an individual skit or act at present than later. Monday's meeting will be a chance to straighten a few things before the Tech Smoker which will be held in a few weeks.

The stage, publicity, and business departments are looking for some ambitious men who can fit themselves into these positions.

DINNER FOR NEW STUDENTS STARTS EVENING PROGRAM

Activity Talks From Faculty Authorities Directly After Banquet

SPORTS PROGRAM IN GYM

Songs, Vaudeville, Cheers, and Movies Of Technology Finish Evening

According to the committee, this year's All-Technology Smoker, which is held in Walker Memorial on Friday Evening, will be the best one that has ever been run. A snappy clean program with plenty of humorous and interesting numbers has been arranged for this, in addition to the free smokes and banquet is scheduled to make a full evening for the undergraduates.

Starting at 6.15 o'clock the members of the freshman class and the transfers will meet in front of Walker Memorial and the evenings program will start with the free meal for the newcomers in the Main Dining Room. At 7.30 o'clock the remaining members of the student body will be allowed to enter. These students, however, are not eligible to the free meal.

Immediately at the conclusion of the banquet, three speakers will describe the various Institute activities to the men. C. Brigham Allen, '29, Chairman of the Institute Committee and President of the Senior Class will explain the system of Student Government as it is carried out at Technology. Professor Robert E. Rogers, of the English Department was to speak on Tech Show and the Musical Clubs, but is unable while Professor Winward Prescott, also of the English Department will speak of the various publications of the Institute.

During the whole evening the offices of the student publications and activities will be open to visitors. At the conclusion of the after-dinner speeches the students will visit all the offices at which time the student leaders of all the activities will be present to meet the newcomers. The functions and duties of these activities will be explained at that time and efforts will be made to interest the visitors in coming out for the competitions now going on.

Sport Program In Gym At 8 o'clock the sports program (Continued on Page Four)

WALKER COMMITTEE HOLDS COMPETITION

Announcement of a competition has been made by the Walker Memorial Committee. This competition is to be for four Sophomore positions and will continue for three weeks beginning on Monday, Oct. 8, and ending on Monday, Oct. 29. All candidates for these positions are asked to report at the office of the Walker Memorial Committee five o'clock on Monday, Oct. 8.

CALENDAR

- Wednesday, October 3
4:00—Sophomore Mass Meeting, Room 10-250
5:00—Rehearsal of Interdepartmental Club, East Lounge, Walker Memorial.
- Thursday, October 4
5:00—Rehearsal of Glee Club, Room 10-250
7:20—Tech Show Meeting, East Lounge, Walker Memorial.
- Friday, October 5
6:30—All-Technology Smoker, Dinner, Main Hall, Walker Memorial.
7:30—All-Technology Smoker, Main Hall, Walker Memorial.

A Record of Continuous News Service for 47 years.



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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OFFICES OF THE TECH Walker Memorial, Cambridge, Mass. News and Editorial—Room 3, Walker, Telephone Univ. 7029 Business—Room 302, Walker, Telephone Univ. 7415 Printer's Telephone—HANCOCK 5060-1-2 SUBSCRIPTION PRICE, \$2.50 PER YR. Published every Monday, Wednesday and Friday during the College year except during college vacations Entered as Second Class Matter at the Boston Post Office Member Eastern Intercollegiate Newspaper Association



There has recently been called to the attention of the Lounger a rather important matter—important, that is, in a school where all the Faculty are presumed to be fairly literate from an all-round standpoint. It seems that about three-fifths of the speaking instructors have a slight tendency toward the use of very rotten grammar, this tendency outcropping in a super-fluity of Dont's everywhere that they do not belong.

For instance, to hear a professor, say, "Now my stenog don't give a darn what she says" not only gives away the professor's lack of stenog training, but also shows his failure to manage the English language as well.

What the Lounger would suggest would be to give a good, thorough course to all the Faculty—not in stenog mastery—but in the eradication of the Don't habit. A picked committee could carefully choose from the English department, if possible, one who don't use Don't where it ain't supposed to be used, and sic him on the rest of the profs. Who knows?—it might bring on some signs of development.

One of the Lounger's colleagues, who has been trying to get through the Institute for years and years, has tabulated for the express benefit of the entering men a series of more or less periodic events that are bound to occur whether they are necessary or not. These have been accurately timed with some sort or other of standard stop-watch, and ought to be authentic:

- Every 32 hours 27 minutes Eddie Miller suggests some million dollar scheme. Every 3 days 6 hours someone decides to eat again at Walker. Every 3 days 6 hours he decides to eat elsewhere. Every 27 hours 3 3/4 seconds Armstrong's stocks go down. Every 47 minutes (only an average gentleman) a stude gets the bounce. Every 48 hours Vogel tells the same joke. Every 2 days 13 hours another freshman moves out of the dorms. Every 47 hours 18 seconds a stenog gets a dance bid. Every 19 years she refuses one. Every year too many coeds are added.

The Lounger suggests that the dorms and frat clubs have their frosh learn the above table. It would be just as good as most of this memory stuff the greenies are crammed with.

Harvard Street, Cambridge, Mass. Oct. 2, 1928

My dear Lounger: Listen: who the hell is Tillie? I'll be darned if I'll let any kid coed from Yahoo, Missouri, smear up the page of "THE TECH" with all her dribble. Does she think this is a coeducational school or something? You tell her for me, that if she continues to have the in'ards to send in all that blah to your paper, I am damned if I'm not going to find out who she is and drape her on the Walker flag-pole Field Day afternoon. Sophomore

Really, the saddest part about it is that the Lounger has not seen hair nor skirt of this Tillie person. He promises faithfully though to keep on publishing her letters whenever they drift in and then to be on hand Field Day afternoon. 'Twould be a sight for sore eyes.

There has been rumored about Technology that with the beautiful grass plot where all can see it, the Administration is going to follow the footsteps of all land owners and rent out the forward part of it to various billboard companies.

The Lounger has done his best to track down this rumor, and finds that it is the natural outcome of the Institute directory sign now gracing the front section of the turf. "This way to such and a room" or "All deliveries in the rear" is all well and good for a hick high school or an ambitious apartment house, but for the Institute, in the Lounger's mind, it's about as beautiful as the pebbles used to be, and gawd knows how they used to grate.

C'mon, Horace show your esthetic sense and put it in the basement.

Institute Aids City of Boston When Firemen Threaten to Quit

Prof. Miller Recalls Training of Volunteers; Prompt Step Averts Trouble

Training the engineers to slide down fire-poles while slipping into their suspenders has never been the long suit in courses at Technology. Plumbers and carpenters learn their trades, but only once has there been a school for firemen here. However, that one time was interesting to the men concerned, and showed that the Corporation in times of emergency is always ready.

At the time of the Boston police strike, about a decade ago, there was a persistent rumor that the Boston fire department contemplated a sympathetic strike. Boston at that time was under martial law, and the military authorities in charge appealed to the President of the Institute to lend aid in the crisis. Prompt action was taken. A committee of seven, made up of authorities at the Institute, alumni and insurance men, was organized and immediately undertook the task of meeting the conditions.

Handle Steam Fire Engines

The first thing necessary was to train men to handle the fire engines. The majority of the machines in use in Boston that time were steam-driven Amoskeag pumps. There were a few La France rotary gasoline engines, but these were so easy to operate that the Institute devoted all its time to the steam pumps.

Engines were immediately secured, and there were at one time as many as five engines on the Institute grounds. Several companies in Boston who employed engineers, such as the Boston Elevated, the Boston Edison Co., and the John P. Squires Co., detailed men here to take the training. In addition many public-spirited men volunteered for service. In this way, within five days 128 men had been trained to run the engines and were ready to take their places if the emergency arose. The men were stationed in old war-time barracks on the Tech grounds; and here they stayed day and night during the period of their service.

Radicals Stir Up Discontent

In the meantime, several delegates of the various labor organizations began circulating among the men, attempting to cause discontent. As soon as this was discovered, a military guard was thrown around the grounds and only one entrance was left open. No one was allowed to enter or leave without being identified. The patrolling was done by several companies

of overseas men who were stationed in the Armory nearby.

In addition to the trained men at the Institute, there was a reserve of 1000 men ready at call. These had been secured by the insurance companies, and were to serve as firemen, hosemen and alldermen. Several automobile companies donated a total of twenty automobiles to distribute the men to their various stations.

To drive the engines, which were of the La France and Christie Tractor type, a company of engineers were trained. These were quartered in the old cadet armory on Columbus Ave. The men were all told off, and in case of emergency each man knew just where he was to go. It was a perfect organization. The plan of campaign was this. As soon as the Colonel in charge of affairs learned that a strike had been called, he was to send a detail of men to each engine house. They were to hold the old crew until the new one got there. This measure was adopted to prevent any tampering with the apparatus.

Clever Strategy Averts Strike

But the Hon. John R. Murphy, fire commissioner of Boston, did not want the firemen to strike at all. He realized that at heart they were loyal, but that they had had their heads turned by radical labor leaders. Accordingly he conceived and executed an admirable plan.

Of course, the details at Technology needed supplies from the Boston engine houses from time to time. So trucks were sent over, and the drivers were allowed to look over the situation and note the entire preparedness of the details. They then returned to Boston and spread this news among their fellows. This was done for some time, until finally the firemen lost confidence in the proposed strike, as they saw that such a move was very efficiently prepared for.

Thus in due time all the disputes were settled amicably. And so the men trained for the emergency, although they never went into active duty, had fully justified their existence, and had averted all danger from a strike.

Following the settlement of difficulties, the Mayor and the Fire Commissioner sent a letter of thanks to the Corporation, expressing the appreciation of the City of Boston.

This is merely an instance of the constant readiness of Technology to help in any way within her powers, whenever such help shall be needed.

THE ALL-TECHNOLOGY SMOKER

ONCE again will Technology undergraduates hold their annual fall get-together, always the first real student function of the Institute year. There have been Smokers, and Smokers—some snappy, some less so; some coarse, and some so sweet and pure that even the coeds and professors' wives who persist in coming to a men's smoker have had no cause for blushing.

But this year we have a committee that promises the ne plus ultra in All-Technology Smokers. "Peppier, faster, smoother; better and cleaner vaudeville; and a raffle that isn't just a guessing contest." If the committee can live up to that promise, there can be no doubt that the Smoker will be the best in years. Can they? It is at least worth attending to find out, and we have an idea that there is a lot of truth in that promise.

In past years there has been considerable criticism by the feminine element, and by many of the Alumni and Faculty, of the cheapness of the talent hired to entertain the crowd. The committee guarantees that though the vaudeville acts of this year will be a distinct improvement over the past, none of this cheapness will appear. But let not this be an inducement to the fairer element to flock to this Men's Smoker, for there will be a picked group of bouncers present with full instructions as to duty—men who are still firm enough of purpose really to keep a Men's Smoker purely masculine.

And let it be understood that the All-Technology Smoker is not by any means for freshmen and for them alone. They are invited, to be sure, and even a dinner incentive is added, but the Smoker would be a fiat failure were upperclassmen to remain away. Nor are they encouraged to come merely to make the freshmen feel at home; on the contrary, the entertainment is being made attractive enough to draw any Tech man out of his lair, and could stand capably as the sole inducement to the lofty Sophs, Juniors and lucky Seniors.

This dinner for the freshmen and transfers preceding the Smoker proper, will give all the new men an opportunity to meet each other in an informal social gathering and break the ice for future endeavor. The activity talks are to be given by veteran speakers who have explained them for years now, and should by this time be the best obtainable. All in all, we feel sure that we can second the promise of the Smoker Committee for a bigger, better All-Tech Smoker than the Institute has witnessed in years—and a far more masculine one.

A BETTER HANDBOOK

TECHNOLOGY boasts no ivy clad buildings, she has no world beating football team, her traditions are few and far between. But her spirit is there, when there is time to show it, and it is a certainty that all the entering men are aware of her customs long before they come here.

This pre-knowledge that the new men have is because the T. C. A. has enough interest to send out to each of them a little handbook, the "T. C. A. Bible", so-called. This custom has been going on for years—this year's edition is, in fact, Volume 32. Year by year it has been developing, and the one that was produced for the Class of 1932 is as fine an effort as anyone could ask for.

In the first place, it contains more advice to the incoming men. Commendable, indeed, is this point, for the freshmen surely find much that is strange here. The friendly tone continues, and they learn to know that a technical school is not such a cold, heartless place after all.

We are glad that the plans to delete the constitution of the Institute Committee were not carried out, for a thorough understanding of its functions is necessary to every student. Another feature of old books which has been considerably improved upon is the list of social fraternities. Formerly merely a directory of the various houses, it has been enlarged upon until it includes a short historical sketch of each group. Fraternities form, wisely or unwisely, a large part of the life of a big group of the men at Technology, and the freshmen who has been forewarned, even with a few unprejudiced facts, is that much the better.

The book shows excellent make-up, with its cuts and well-arranged pages. Altogether, it is something which deserves the sincerest praise for the whole-hearted effort on the part of those who have worked to make it a success. Many thanks, and good luck on succeeding volumes.

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NEW HARRIER COURSE TO BE USED FOR HOME MEETS

Coach Haines Makes First Boatings For Field Day Crews

Hill and Dalers Rapidly Rounding Into Form For Annual Holy Cross Meet

After ten days practice and with two and one half weeks remaining before the first dual meet, Coach Oscar Hedlund's Varsity and freshman cross-country squads show signs of developing into winning teams. Both Varsity and frosh teams are scheduled to meet Holy Cross on October 20 on the new five and three-quarter mile Winchester course. This course which was recently laid out and measured under the supervision of Coach Hedlund, is over a bridal path and completely surrounds a pond. The location and terrain are ideal for cross country work.

Yesterday's workout consisted of a long jog over the "circuit" along Memorial Drive. Judging by the showings of the candidates up to the present time, the Varsity team will be selected from the following men: Captain Worthen, Thorsen, Herbert, Baltzer, Mitchell, Berry, Defazio, Leadbetter, McNiff, and Watson. Although Watson reported yesterday for the first time, his work on last year's freshman team showed that he will prove valuable as Varsity material this fall.

Several candidates for the freshman team have had track or cross-country experience at prep school, so with these men to build around a very creditable season looms for the yearlings. Gilman, Rogers, Jewett and Conant have all excelled on the cinder path before entering the Institute.

Both squads look good for this time in the season and Coach Hedlund seems well satisfied with the progress to date.

Fairchild Tells Freshmen About Gym Activities

Large Number Attend Mass Meeting In Walker and Watch Regulars Work

About twenty-five freshmen turned out at the gym team mass meeting in Walker Gym Monday evening. Captain Harold Fairchild gave a short talk on the various pieces of apparatus that are used in gymnastics and the opportunities offered in each of these events. He also invited the freshmen to come out and watch some of the veterans at work.

Manager MacLaren told about the record that the team had made in the last few years and also introduced most of the Varsity members that were present. All of the Varsity men who placed in the Intercollegiate last year will be back again this season and the Cardinal and Gray team hopes to walk off with the Eastern intercollegiate Gymnastic Championship cup this season.

After the talks the meeting was adjourned and the men went into the gym. It was a little too early in the season for the team to put on an exhibition as the men have only had five days practice. However all of the men went through some of their regular work and those freshmen that brought up their uniforms with them went through a light workout.

Willie Jackson Turns Automobile Inspector

A recent addition to the law-enforcing detachment of one bluecoat who preserves order about the Institute grounds is none other than Mr. William Jackson, chief of the Informants Office. An observer reports that "Willie" was seen inspecting the lines of parked automobiles behind Building 10, last Friday, noting the license number of each car. He refused to divulge whether or not he was handing out summons to violators of the Institute's intricate parking regulations, but his familiars predict a lot of trouble for the unfortunates who failed to keep within the space allotted to one theoretical automobile. At any rate, we are anxious to hear whether Mr. Jackson has acquired an official title with his new position.

AERO SHOW OPENING OCCASIONS DISPLAY

Planes and Searchlights Play Over Boston Monday Night

At 8 o'clock three airplanes appeared from the east as three points of red, moving as though they were one. At the same time from the horizon two giant search lights beamed pencils of white into the black sky. The beams moved about the sky as if seeking something to illumine until they came upon the three planes. Up the River over the South side of the Esplanade the three planes continued and the beams followed them, sometimes losing them but quickly regaining their jealous hold. Soon the planes were out of sight and out of range of the light, but back they came, the lights seeming to sense their approach were sweeping the sky before their wing lights became visible.

They wheeled about in the light like three eyed insects till one of them dropped behind the others when they went out over Cambridge. He hung over Bay Bay looping and banking his lights appearing and disappearing as they were hidden or revealed by the turnings wings. Sometimes, as he swooped towards the observer, his brilliant twin white lights on either wing made him resemble a giant white eyed dragon fly. At length, seeming to tire of his terrestrial sun he also disappeared after his comrades on the stroke of 8:30.

Boston's Aero and Radio Show opened at Mechanics Hall Monday night and the Army in celebration of the occasion put on an exhibition of night flying which was witnessed with great interest by many dorm men. The night was excellent for the occasion and the whole display could be observed to great advantage from the Institute grounds.

NOTICES

There are a number of blotters still left, and any one who has not yet obtained one may do so by calling at the rear office of the Technology Christian Association. Blotters will be distributed until the supply is exhausted.

ENGINEER SOCCER TEAM EXPECTS HARD BATTLE SATURDAY

Backfield Is Strong With Four Men Fighting For Full-back Positions

WYMAN BACK AS GOALIE

Expect a Lively Scrimmage This Afternoon At Four On The Coop Field

With the first game scheduled for Saturday afternoon with Bradford Durfee on the Coop field the Engineer Soccer team have been doing their best to get into form. This afternoon at four o'clock a scrimmage will be held and from the results of this scrimmage the first team will probably be chosen.

Competition for the backfield positions is very keen as there are several men out for each position. In last Saturday's scrimmage all of the candidates for these positions did very well. Nearly all of the men are fast and good passers and their teamwork is improving daily.

Several Good Fullbacks

This year the team has more good fullbacks than ever before. Hawkins and Riehl, veterans from last year's team are back again, but they have plenty of competition and will have to work hard if they expect to play in Saturday's game. McDowell and Kim are the two men who are causing the regulars to watch their step and incidentally work their heads off.

Outside forwards are the main weakness of the team, but there are a number of men who are out for some of the other positions who can play well in the outside positions.

There are, however, several candidates for the other positions who show promise of developing into real soccer players. Saunders, a center forward, has been doing some exceptionally good work in passing, and kicking. In all probability he will occupy this position in the game on Saturday. Two Siamese students Kashesants and Vibul are also forwards and have been working hard. These three men all look good and will do a good deal in bolstering up the team. Most of the men that graduated last year were forwards.

Wyman Back As Goalie

Wyman will be back at his old position as goalie. In scrimmage he sent ball after ball back out of danger and the men had a hard time trying to get the ball past him. Bradford's forwards will have a good deal of work if they expect to get the ball past the fullbacks and then into the goal as these three positions are the team's strong points this year.

Coach Welch is confident that the team will defeat Bradford this year, in spite of the fact that they will have had only a week and a half's practice as against two and a half weeks last season. The team has much better teamwork than it had at this time last season and that was the team's weakest point all last year. If this year's team has good teamwork it stands a good chance of winning a majority of its games.

Many Freshmen Out

Quite a number of freshmen have turned out and it is expected that a team will be organized. These men have been invaluable in giving the varsity practice and it also gives the coach a chance to look over the prospects for next year. Bradford Durfee has not played any games as yet; so it will be the first opportunity for the men of both teams to get into real competition.

All freshmen who wish to substitute track for P. T. must sign up in Mr. McCarthy's office on the third floor of Walker before twelve o'clock on October 22.

GLEE CLUB

Regular rehearsals will be held on Tuesdays and Thursdays at 5.00 o'clock in 10-250, commencing tomorrow. All new men who have not had tryouts are urged to come out as soon as possible.

In his address to the entering class at Yale, President James Rowland Angell warned the freshmen to attend strictly to their studies. He told them not to become "absorbed in some trivial, extraneous, activity."

TWO FROSH CREWS ROWING IN SHELLS

Getting away to a two-week head start over last year's freshman crews, two boatfuls of Technology yearlings went out in shells for the first time last Friday afternoon. They averaged several pounds over the usual average for frosh crews, and encouraged Coach Haines by their rapid progress in rowing form that he is predicting a tough race for the Sophomores on Field Day. The men were not selected as a final choice, and it is likely that many shifts in the boating will be made within a few days. Seventy frosh are reporting daily, and those showing the most skill in the barge will be boated as soon as practicable.

The Sophomores will probably be represented by last year's 150-pound freshman crew, which has returned to school practically intact. Although considerably outweighed, this outfit will have the advantage of a year of competition, which should throw the balance in their favor. Last year's Sophomore crew won on Field Day, principally because of their advantage of experience.

Coach Haines has three varsity crews on the water regularly, and is trying to get a line on several new men, who he is boating with the regulars. Weather conditions will probably permit outdoor practice until around Thanksgiving, and he should be well acquainted with his material by that time. In addition to the varsity crew, there are two regular light varsity eights working out daily.

FRESHMEN CREW MANAGEMENT

All Freshmen who are interested in the crew management competition should report this afternoon at 5 P. M. to the manager at the Boathouse.

ASSISTANT CREW MANAGEMENT

There is an opening in the crew management for an ambitious Sophomore. The competition is open to all second year men and all those interested should report to the manager at the Boathouse this afternoon at 5 o'clock.

BANJO CLUB

Do you play a Banjo, Mandolin, Saxophone, Piano or Drums? If so, see us in East Lounge, Walker Memorial on Thursday Oct. 4th, at 5 o'clock. There will be further try-outs and a rehearsal.

ALL MEN, OLD AND NEW, BE OUT FOR REHEARSAL

The Harvard Athletic Association has announced a policy of increased vigilance over the activities of ticket scalpers. About 60 men were black-listed and precluded from further application for tickets because their tickets to the Yale game appeared in the hands of speculators. About 11 men were similarly punished for carelessness with tickets to the Dartmouth game.

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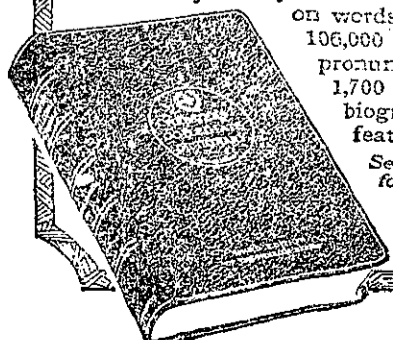
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ALL-TECHNOLOGY SMOKER PROGRAM

Plans Indicate Best Smoker On Record—New Raffle System Tried

(Continued from Page One)

will start in the gymnasium on the top floor of Walker Memorial. Several bouts between members of the Varsity wrestling and fencing teams will be given at this time of these teams. The gym team is scheduled to put on series of gymnastics which will be the feature performance of the sports program. Some of the point winners on the Varsity team who scored in last year's Intercollegiate will put on their series in the first appearance of the year.

Each year at the All-Technology Smoker it is the custom to make several awards. The Technique Cup, which is given to the track man who is still attending the Institute and who gathered the largest number of points in the track meets last season will be presented. The Swartz medal, which is annually presented to the man who is adjudged the best athletic manager for the past year, will be given at the same time. It is never known who is to get these awards until they are presented at the Smoker.

Will Raffle Off Prizes

Each man, as he enters Walker Memorial will be given a raffle ticket which will entitle him to the chance of winning one of the prizes raffled off at the end of the evening. This year a larger number of prizes have been secured than ever before and they have been donated by the various activities of the Institute. A new system of raffling off the prizes has been devised and it will be tried out for the first time on Friday evening.

At the conclusion of the awards presentation the entertainment will be carried out by means of songs, cheers, vaudeville acts and movies. The movies are ones which have never yet been shown to the students and they will include scenes of Technology life, its sports and campus activities. At the freshman camp this year moving pictures were taken for the purpose of showing them on the night of the All-Technology Smoker and they will be presented at that time.

Tickets Secured In Main Lobby

Tickets for the free dinner at the Smoker must be secured by all freshmen and transfers before they will be admitted to Walker Memorial. These may be obtained from the committee which will distribute the tickets in the Main Lobby of the Institute on Wednesday, Thursday, and Friday, from 10 o'clock until 2 o'clock. This year All-Technology Smoker is headed by Fisher Hills, '29. Bernard B. Brockleman, '29 is Treasurer, and the Assistants to the Chairman are Charles W. Denn, Jr., '29; Clarence E. Worthen, Jr., '29; John B. Osborne, '29, and Benjamin Procyor, '29. The Entertainment Committee is in charge of Oswald V. Karas, '29. Chairman; Joseph W. Devorss, Jr., '30; J. Harold Genrich, '31; David Q. Wells, '30; Charles T. Abbott, '30; Oliver G. Green, '30; Chester W. Turner, '30; Edwin M.

Hawkins, '30; and O. Glenn Goodhand, '30. Hunter Rouse, '29, is in charge of the Publicity Committee and he is assisted by Edmund G. Blake, '30; Wilfred F. Howard, '30; D. Tullis Houston, '30; Carroll D. McCulloh, '31; Robert M. Snyder, '30; and Thomas R. Wigglesworth, '30.

Amasa G. Smith, '30, is Chairman of the Refreshment Committee and he is aided by Ryall L. White, '29; Philetus H. Holt, '30; Miley O. Zigler, '30; John F. Bennett, '30, and John M. Hanley, '30. The Speaker Committee is in the hands of Lewis R. Aldrich, Jr., '29; Edward P. Dean, '30; Joseph T. Wight, '30; Horace S. Ford, Jr., '31; and Bryant F. Kenney, '30. The Program Committee Chairman is Earl W. Glenn, '29 and he is assisted by Robert W. Reynolds, '30; E. Ralph Rowzee, '30; and Biagio D'Antoni, '30.

To Demonstrate "Theremin Vox, Here on Friday

Professor Leon Theremin Guest of President Stratton at Technology

Professor Theremin of the Leningrad Polytechnic Institute who is giving a recital at Symphony Hall Sunday afternoon will give a demonstration and explanation of his Ether-Wave Music Instrument at the Institute Friday. In the last TECH it was stated that Professor Theremin would give only one performance in Boston, but at the personal invitation of President Stratton the inventor consented to demonstrate his instrument at Technology.

Leon Theremin was born on August 15th, 1893, in Leningrad, Russia. Since his childhood he has been of scientific bent and a musician. His early education was done at home and at the First State Gymnasium. In 1914 he entered the School of Physics and Mathematics of the University of St. Petersburg and later the Polytechnic Institute of the Russian Capitol. During the war he served as instructor in the Radio-Technical Department of the school for officers.

Since 1919, while conductor of a laboratory of electrical oscillation in one of the largest scientific institutions in Russia he started his researches of a purely scientific character as well as in the field of applications of technical principles to everyday life. Here he conceived the idea of his new instrument and he has been working on it from that time until 1925 when he demonstrated it to the All-Russian Congress of Physicists.

Charles W. Denny, Jr. Chosen A.A. Executive

Charles W. Denny, Jr. '29 was elected member at large of the Executive Committee of the Athletic Association at the meeting held last Monday at 5 o'clock in the Committee Room at Walker. Denny was Assistant Manager of Track in his freshman and Sophomore years. Manager of the Cross-Country team last year, and is a member of the Beaver Club.

FACULTY CLUB MEETS ON OCTOBER 10th

Professors Tyler, Norris and Terzaghi Will Speak

The Fall Meeting of the Faculty Club will be held at the Twentieth Century Club, Wednesday, October 10, at 6.30 P. M. Professor Norris, Terzaghi, and Tyler will give accounts of summer travel and experiences.

Professor Tyler will speak of his trip this summer in Europe. He attended the International Historical Congress from August fourteenth to eighteenth as the representative of the American Academy of Arts and Sciences. From September third to tenth he was at the Mathematical Congress in Italy representing the Institute.

Norris Visits Russia

Professor Norris was a member of a party of sixteen who visited Russia at the invitation of the Comptroller of Education of that country. They investigated the methods of teaching used in the Soviet Union. The head of the party was Dr. John Dewey, brother of Professor D. R. Dewey of the Economics Department of Technology. Dr. Dewey is a psychologist at Columbia University. The members of the party were for the most part presidents of colleges and leaders in secondary school education.

The formal part of the trip lasted three weeks, during which time guides were furnished who conducted the group through many schools, colleges, rest houses and sanitariums. The general impression, said Professor Norris, was that the Russian government is doing all it can to decrease illiteracy among the peasants as fast as possible.

NOTICE

All Sophomores interested in class football should report on the football field Monday afternoon, Oct. 1. Do not let the question equipment prevent you from reporting.

COUPLE HIKE FROM ST. PAUL TO BOSTON

Because he wanted to receive a degree from the School of Theology William L'Amoureux Rice, accompanied by his wife, hitch-hiked 1600 miles from St. Paul, Minn., to Boston in six and a half days, last month. The total cost of the trip was \$17.

The story of the trip is a study in modern economics carried out literally by the young woman college graduate and her husband, who is studying for the Episcopal ministry.

They started from St. Paul in plenty of time to reach the college before it opened and stayed overnight at houses that make a business of catering to tourists. One business man invited them to his home and

urged them to stay for the night with him and his wife.

Neither kept track of the different makes of cars in which they rode, but they got better receptions from the drivers of expensive cars than they did from those of smaller machines.

—Boston University News.

INTERCOLLEGIATE

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Street Floor—The Store for Men

Industrial Lighting Committee Makes Report of Investigation

Several Technology Men are Prominent Members of Committee

About five years ago the Committee on Industrial Lighting of the National Research Council began an investigation on the relation of light to production. Mr. Thomas Edison is honorary chairman. Professor Dugald C. Jackson of the Institute is chairman, and the members are as follows: Professor Vannevar Bush of the Institute, Professor George S. Crampton of the University of Pennsylvania, Mr. Henry Dennison, Professor Knight Dunlap of Johns Hopkins, Professor C. E. Ferree of Bryn Mawr, Mr. Ward Harrison, Mr. Maurice Holland, Mr. R. M. Hudson, Mr. James E. Ives, Mr. M. Luckiesh, Mr. L. B. Marks, Mr. Preston S. Millar, Mr. J. P. Noonan, Dean Carl E. Seashore of the University of Iowa, Mr. C. H. Sharp, Mr. C. G. Stowell and Professor L. T. Troland of Harvard.

Professor Barker In Charge
Professor J. W. Barker was appointed Principal Research Assistant. Professor Barker says that the object of the investigation is to acquire an accurate knowledge of the relation of light to the quantity and quality of an industrial product. The funds to be used in this work were contributed to the National Research Council by companies and individuals interested in the work. About \$50,000 has been spent.

In an investigation of this type, Professor Barker pointed out, there are many phases to be studied, any one of which have a great bearing as any other on the main question.

The following partial list of factors prepared by Professor Barker have been identified as affecting the speed and quality of industrial production

and the general welfare of industrial operatives.

- (1) Direct effect of illumination through increased facility of vision.
- (2) Secondary effect of illumination through increased cheerfulness of working conditions. This may become an important influence even when little visual effort is required by the type of work.
- (3) Effect of seasonal surroundings, such as vacations, holidays, summer versus winter, etc.
- (4) Effect of irregularities in the supply of work, in component parts of the operation and demand for product.
- (5) Effect of condition of the labor market.
- (6) Effect of employees family condition.

It is evident that great care must be exercised in the psychological control of the test and of the operatives under test.

MORE YELLOW LINES ADDED AROUND M.I.T.

Everyday more yellow lines are added to the already commodious number surrounding Technology until the grounds resembles more or less the spert model jackass. Each new line means a new parking space for the many fortunate individuals who ride to their work. The latest addition to the numerous parking facilities already provided is between Building Eight and the athletic field. This new space provides for about forty cars and should prove popular with the men who have an early morning class in Building Eight.

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