

THE TECH Smoker Extends Welcome To All Freshmen

A. W. Walker, A. D. Little,
I. W. Litchfield Are
Main Speakers

FASSETT ALSO SPEAKER

Offers New Men Opportunity for
Business Experience and
Literary Training

Freshmen interested in becoming connected with the oldest, and from the point of view of number of issues and circulation, the most active of the student publications will be extended a warm welcome at THE TECH smoker this afternoon in the North Hall of Walker Memorial at five o'clock. Those freshmen who have not definitely decided which activity is best suited to their aptitudes are heartily urged to take this opportunity of discovering if publication work interests them.

Speakers for the occasion will be Arthur W. Walker, '32; Arthur D. Little, '35, head of the chemical firm bearing his name; Isaac W. Litchfield, '35, composer of "Take Me Back to Tech"; and Frederick G. Fassett, Jr., instructor of journalism class.

The newspaper work affords not only business, athletic, and literary training, but renders the opportunity of making wide contacts about the Institute. The activity offices, while designed primarily as places where the groups may transact business and accomplish their work, nevertheless afford pleasant places for relaxation.

FRESHMAN DUMPED IN FRONT OF "MET" IN SCANTY ATTIRE

After Three Attempts to Get
Taxi, Unfortunate Secures
Ride Home

Several sophomores, Wednesday night, kidnaped a freshman from the dormitories, divested him of his clothes, dressed him in a laundry bag and freshman tie, and deposited him in front of the "Met" in Boston. His confusion and embarrassment were quite evident, as a goodly crowd of people emerging from the theatre snickered at his frantic efforts to gain the shelter of a cab. Two refused point-blank to take a passenger in such deshabille, but the third had a kind heart under a rough exterior and rendered aid.

The raid was carried out with celerity and dispatch. Seven men, wishing to relieve a tedious evening and teach an officious freshman his place, met at the freshman's room and invited him to accompany them. He acquiesced to their demands and was led to the dormitory parking space, where the disrobing ceremony took place. The ever-alert TECH photographer snapped the accompanying picture at this stage.

The next step was a glorious ride through the principal streets of Boston. Cruising down Tremont street at last, the car drew in before the "Met" and the freshman was ushered onto the sidewalk. Rushing to a nearby taxi, he implored the driver for a lift, but the hard-hearted man said the equivalent of "nothing doing" in taxi-driver language, and the beleaguered freshman pursued his way towards Stuart street.

Dorm Resident Sticks Fast in New Grass Plot

The observant powers of certain dormitory residents are a minus quantity if one is to judge by an exhibition put on last night. A certain man, high in Institute activities, too, went out to his car which was parked on the West side of the dormitory parking space facing the Institute. Throwing it in low gear he roared ahead with a surge of power, over the curb, and a car's length on to the new lawn. And then he stopped—forcibly. For his chariot had sunk in mud up to the hub caps, and the harder he raced the motor the deeper he went. After half an hour of struggling, he was rescued by another car, when he sheepishly explained that he thought the whole yard was parking space as it was last year. A nice job for the groundskeepers, to remove the traces.

PROFESSOR SZASZ WILL GIVE SERIES OF LECTURES HERE

Professor Otto Szasz, noted European mathematician, will arrive in Boston on Saturday to assume the post of visiting professor of mathematics at Technology. During the winter he will deliver a group of lectures on the summation of series, one of the branches of mathematical analysis in which he is internationally distinguished.

(Continued on Page 4)

Freshman Class To Elect Fewer Section Leaders

Vote by Institute Committee
Changes Undergraduate
Constitution

GROUP EASIER TO CONTROL

Changing the Undergraduate Constitution the Institute Committee voted yesterday afternoon that but one representative and an alternate will be elected from each section of the freshman class instead of three as in former years.

Due to the large number of section leaders in past years, an unwieldy condition existed in their meetings. This condition was the reason for yesterday's change. The portion of the constitution which has been changed is Article VII, Section 2 of the uniform class constitution. Formerly reading, "There shall be three men elected from each section under the auspices of the Field Day Committee," it was revised to read, "There shall be one man and an alternate elected from each section under the auspices of the Field Day Committee." Freshmen will elect their section leaders next week.

Curriculum Committee Appointed

The remainder of the business of the meeting consisted of routine work, such as the reports of the standing committees and the approval of appointments. Men appointed to the Student Curriculum Committee were Gorman K. Crosby, '34, Course III-4; A. Edwin Benfield, '34, Course VIII; Vinton K. Ulrich, '35, Course VI-A; G. Peter Grant, '35, Course II, and Richard F. Bailey, '35, Course XV. Hal L. Bemis was appointed Junior Member of the Budget Committee.

Ushers for the All-Technology Smoker, whose names appeared in a previous issue of THE TECH, were approved. To the list were added the names of William G. Yepsen and Louis F. Birchall. The names of Field Day marshals and ushers, also approved by the committee, appear in another part of this paper.

Voting to ask the Beaver Key Society to cooperate in conducting Field Day completed the new business.

Field Day Mass Meetings Set For Next Wednesday

Frosh and Soph Meetings Will
Be Held Simultaneously;
Will Discuss Plans

Mass meetings for both the freshman and sophomore classes will be held next Wednesday at five o'clock, according to William G. Yepsen, '35, publicity director of Field Day. The class of 1935 will meet in room 5-330 simultaneous with the freshman meeting in room 10-250.

All members of both classes are expected to be present at this time, since plans for the Field Day campaign will be outlined at that time. The rules for conducting the events will be reiterated, and coaches of the various teams will speak.

Walter H. Stockmayer, '35, Junior president, will preside over the freshman meeting, while Philip G. Briggs, '36, Sophomore president, will conduct the meeting of his class.

Walker Memorial Burns to the Ground—Almost

Lit by a carelessly tossed professorial cigarette an awning on the first floor of Walker Memorial burned to—well, wherever it is that awnings burn to—late Wednesday afternoon. After the conflagration had spent its fury, Walker Memorial's fire department, in the person of Bill Carlisle, assistant director of the Walker Memorial dining service, armed with an extinguisher, appeared to shoot chemical on inoffensive smolderings.

Institute police, who are investigating the affair, have put forth the theory that the fire was set by an arsonist, who, after eating in the Faculty Dining Room, carefully dropped a lighted cigarette into the folds of the awning from the south window, where it smoldered for hours, giving the culprit plenty of time to make his getaway.

After having trailed several suspicious looking members of the Faculty for days the police have dropped the investigation, because there are not enough members of the police force so that one may be assigned to shadowing each suspicious looking member on the Faculty. It has been estimated that at least one hundred men would be needed for this work.

NEW HEAD OF M. E. DEPT. WILL ASSUME DUTIES TOMORROW

Dr. J. C. Hunsaker Will Have
Charge of Research in
Aeronautics

Dr. Jerome C. Hunsaker, formerly vice-president of the Goodyear Zeppelin Corporation, and internationally known as an authority in aeronautical engineering, has arrived at Technology to take up his duties as head of the department of mechanical engineering. Dr. Hunsaker succeeds the late Professor Edward F. Miller.

Dr. Hunsaker is a graduate of Technology, and in 1914 founded its pioneer course in aeronautical engineering. He is widely known in the field of aerodynamics and aircraft design. During the war, he was in charge of the Navy's aircraft program and designed the NC flying boats, one of which, the NC-4, made the first transatlantic flight in the summer of 1919. He also designed the first American antisubmarine patrol airships and the first Zeppelin.

(Continued on Page 4)

Dorm Freshmen Have to Attend Dinner Meeting

All freshmen in the dormitories will be required to attend a dinner meeting in the North Hall of Walker Memorial Monday evening at 6.30 o'clock. Professor Leicester F. Hamilton, chairman of the Dormitory Board, will be the principal speaker. The meeting will be in charge of G. Kingman Crosby, '34, chairman of the Dormitory Committee, assisted by the hall chairmen.

Enrolment Total 2584, 224 Less Than Last Year

Freshman Registration Falls
Off 69 From Previous
Figure to 495

SOPHOMORE CLASS GAINS

In Spite of New Dormitories
Graduate Student Number
Decreased by 61

Official figures yesterday afternoon place this year's total registration at 2584, 224 fewer students than last year. This represents a drop in all classes except the Senior, which gained 43.

The first year men total 495, a decrease of 69 from last year's 564. Sophomores dropped 40 from 523 last year to 483 this year. The Junior class numbers 509 men, 97 below last year's figure of 606. The increment in the Senior group raises the 1932 figure of 580 to 623 this year. The graduate enrolment dropped from 535 to 474, in spite of the inducement offered by the new graduate group of the dormitories.

Exceeds Estimates

Although the enrolment shows a decrease over last year's figures, it greatly exceeds early estimates, which placed it as low as 2,000 students. Last minute decisions of parents enabled many students to return to the Institute, after signifying their inability to do so last year.

1932 Figures Showed Loss

A review of figures for previous years reveals that the enrolment of 1932 decreased by 314 from that of 1931, the freshman registration showing a diminution of 66. The sophomore class suffered the largest loss: 136. The juniors, seniors, and graduates lost 12, 43, and 57, respectively from their numbers.

BIOLOGY STUDENTS WILL MAKE TOUR

Professor Proctor Heads Trip
of Inspection of Food
Industry Plants

Nine students of the Industrial Biology option of Course VII returned last Thursday from a two weeks' inspection trip of food manufacturing plants under the direction of Professor Bernard E. Proctor of the department of Biology and Public Health.

The trip was made in a camping bus obtained through the courtesy of the Thorne-Loomis Foundation of New York and provided complete sleeping and camping accommodations for the party of ten.

The group visited the flour mills of the Washburn-Crosby Company in Buffalo, the American Can Company in Chicago, the packing house of Wilson & Company in Chicago, the Beech-nut Company plants in Canajoharie and Rochester, N. Y., and numerous other food industries, besides visiting the Century of Progress and Niagara Falls.

The students who were members of the party included Cecil G. Dunn, G.; Harold E. Duncan, G.; Robert Olsen, '33; John W. Gardner, '33; Henry N. Andrews, Jr., '34; Kendall C. Ham, '34; David Greenlie, '34; Alton C. Garland, '34, and Simon Malkin, '34.



UNFORTUNATE FRESHMAN
CLAD IN LAUNDRY BAG

By this time the attention of the crowds emerging from the theatres had been drawn to his sylph-like (see photo) figure, attired only in a freshman tie and a laundry bag with no string in the top of it, necessitating constant vigilance to prevent its dropping to the pavement. Another taxi driver followed the example of his brother, but finally at the corner of Stuart street the poor unfortunate caught a passing cab and was returned to his domicile. Just in time too, for the attention of a burly policeman across the street had been attracted, and he was pursuing our hero as fast as the crowds would permit.

A Record of Continuous News Service for Over Fifty Years



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

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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 News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.
 Telephone, University 7029

Business—Room 302, Walker
 Telephone, University 7415

Printer's Telephone, Liberty 3355

SUBSCRIPTION, \$1.50 Per Year

Published every Tues. and Fri. during the College year, except during College vacation

Entered as Second Class Matter at the Boston Post Office

Member Eastern Intercollegiate Newspaper Association

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Odors From the T.C.A.

The woods seem to be full of nothing but the T.C.A. and its doings, as far as we can make out. This time it is Sex rearing its ugly head, and right in the office, too.

Someone with more enterprise than judiciousness had placed upon the shelves of that benevolent department for the dissemination of used books, a copy of "The Stag At Eve." This objectionable piece of literature, we are told, contains many illustrations of a biological nature, beneath which appear many subtle allusions, also more or less biological in character.

After a brief appearance, the book was removed to an adjacent desk with a notation, written by no less a one than General Secretary Ross himself, "Remove this book." Very short and crisp it was. And the book was removed.

The book was removed all right, but the pernicious influence still emanated from some place. Eventually some child of the Watch and Ward discovered this influence and traced it to its source, which proved to be a desk drawer in the same room. Of course we just couldn't say whose desk it was, but it must have been one of the workmen around there.

Evidently the General Secretary himself, dissatisfied with the treason of his underlings, has taken the problem well in hand. We have it on most excellent authority that the treacherous publication was last seen safely ensconced in his own brief case and homeward bound.

If this be treason, make the most of it.

Follow the Leader

Looking through the pages of the day's issue of that Boston excuse for a newspaper, the Globe, we are taken with the notoriety gained by some freshman who was last seen escaping the public eye clad in freshman tie and laundry bag.

Now here is the place where things get complicated. One of our ever alert reporters has come forward with the inside story, and you can draw your own conclusions.

When the above mentioned freshman was not yet a freshman, he had a friend who was a freshman, and who is now a sophomore. Now the guy who is now a sophomore chanced to be looking through a year book belonging to the guy who is now a freshman, and therein espied the picture of a damsel, by which he was considerably taken.

Now the story goes that first guy wrote a letter to this girl, who was the girl of the other guy. She wrote back. So he answered. So did she. Unfortunately we have to let that part of it go for the time being and go back to the other guy who is the freshman in question.

The first guy, we are told, and the other guy were in the first guy's room talking things over, and the other guy was a little uppity. For a freshman he was quite in evidence, we are told, horsing around and challenging the first guy to this and that. He wanted terms. We wanted weapons. Above all we wanted action. In a good natured way, you understand. But the guy who is now a sophomore and was a freshman when the other guy who is now a freshman was not, couldn't see his way clear. And so, we are told, nothing came of it.

But now, we are told, the guy who is now a freshman, and has just come back from a walk in a laundry bag, was not a freshman when his friend who was a freshman wrote a letter to a girl whom he found in this guy's year book, and that the guy who was a freshman when the other guy was not, is now a sophomore when the other guy is a freshman. Very complex and no moral, at least from this department, but it sounds like action to us.

Track Candidates Will Attend Rally Tuesday

The initial track rally will take place on Tuesday afternoon when all track candidates, both freshmen and varsity, will meet in room 3-270, at 5 o'clock. Coach Oscar Hedlund and Captain Dick Bell will preside at the rally, but as yet no arrangements have been made for a speaker. A movie of the I.C.4A meet held a year ago in California will be shown.

Gasoline Engine Studied Widely At Technology

Guggenheim Laboratory Scene of Extensive Research for Four Years

Diesel engines are the object of research which has been going on since 1929 in the Guggenheim Aeronautical Laboratory. When a sum of money was donated to be used for investigation of compression-ignition, or Diesel engines, the Aeronautical Department decided that the best results could be obtained by observation of an engine in operation.

The first engine with which experiments were carried on was a single-valve engine which was rebuilt here from a French Gnome. The principle of the single valve is to allow one opening to serve for both intake and exhaust, as in the present Packard airplane motors.

The next motor which was tried was a four-cycle air-cooled engine with a cylinder four and a half by five and a half inches. The engine was built here at the Institute, except for the casting job and such machining as could not be done at the Institute.

Recent Single Valve Engine

The most recent engine used in the laboratory is a single-sleeve valve engine. It is so constructed that all of the factors influencing the efficiency of the engine may be regulated. The size and shape of the combustion chamber may be changed at will by taking off one head and putting on another. The position from which fuel is injected may be varied, and the air swirl may be regulated.

The sleeve contains ports which allow intake and exhaust for the cylinder. There are four sleeve ports, one of which alternately opens the intake and next the exhaust. In this way five openings in the cylinder may be controlled by four sleeve ports. A neon-lamp stroboscope was used to note the angle of injection of the spray.

Only One of Its Kind

The experimental model here, in which all of the factors may be controlled, is probably the only one of its kind in the country. It has a very large cylinder, six by eight, and has not been run over fifteen hundred revolutions per minute except for very brief periods.

The research is being conducted in order to discover some of the characteristics of fuel injection nozzles under various engine conditions. The data is to be published to aid designers and manufacturers of Diesel engines.

Infirmiry Is Long Planned Prospe

Over One Thousand Physical Examinations Made Yearly Before 1928

For years before the opening of the Homberg Infirmiry, those interested in the health of the Technological community look forward to the time when the Department of Hygiene would have the facilities for carrying on all the functions of ideal college medical department providing adequate care for the sick and injured, and guarding and improving the health of its student instructing staff and employees. The Department of Hygiene was, prior to the opening of the Homberg Infirmiry in 1928, attending to all cases of student illness and giving advice where needed. But its facilities were limited and its work could not progress far. As it was, over 10,000 visits to the medical department were attended to and more than 1000 physical examinations were made yearly.

The last formal step toward the acquisition of these facilities was taken on November 13, 1928, when the Richard M. Homberg Infirmiry was dedicated, giving to the Institute a fully equipped clinic and hospital. This was a very important step in forwarding the Institute's program for the care of student health. Where only a few minor cases of illness and injury could be treated by the Department of Hygiene, the Homberg Infirmiry is in a position to take care of any emergency whatsoever being prepared to perform an emergency operation at any time of the day or night.

"Did you give the man the third degree?" asked the police officer.

"Yes, we browbeat him and badgered him with every question we could possibly think of."

"What did he do?"

"He dozed off and merely said now and then, 'Yes, my dear, you are perfectly right.'"

TECH MEN
 The Comrades Class of Tremont Temple Baptist Church meet at 12:12 every Sunday—Chipman Hall.
 Strictly an organization for young men. We invite you to meet with us.

EVERY BANKING FACILITY
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COURAGE AND FORESIGHT

IT is with pleasure that THE TECH presents to those men who are interested in journalism particularly and activities in general, three such successful men as Arthur W. Walker, '82; Arthur D. Little, '85, and Isaac W. Litchfield, '85. They attended the Institute when the buildings were over in Boston, and the facilities for instruction were far less adequate than at present. Extra curricula activities while not prohibited at the time did not receive the popular support of the student body and faculty as they do today.

Each of these men were pioneers not only in the activity field but also in publication work. Mr. Walker was the first editor of this paper. His stories of the early lays of publication are filled with incidents of difficulties to overcome. Mr. Litchfield was the first treasurer and Mr. Little was on the Board of Directors of the first volume back in 1881.

Each of these men was gifted with courage and foresight. The courage was exhibited in the numerous obstacles which were overcome in making the paper a reality. Their foresight was shown in their pioneering in the activity field. Each will, we are sure, extoll the practical training which he received while working on activities while at the Institute.

THE BIG STICK

WE may earnestly hope that the undergraduate tribunal, formed last spring with the avowed purpose of trying those members of the freshman class who do not obey the freshman rules, will never hold court. Primarily, of course, it will indicate that the members of the freshman class realize the privilege and honor of displaying their class insignia. But, secondly, and quite as important, it is possible that if the body finds it has no function to perform, it will die a natural and quiet death.

Last fall, following the failure of the Freshmen Rules Committee to discharge the duties for which it was formed, it became apparent that both the rules and their method of enforcement would have to be revised. The rules were simplified to their present form. The method of enforcement, however, was changed to a form even less desirable than it had previously been.

True, this year's methods of showering incoming men with threats of Quadrangle Club policemen and undergraduate courts will result in a more uniform display of the freshman tie. But are the rules intended merely for the physical display of the cardinal and gray neck bands?

Do these ties represent individual pride, class loyalty, or group solidarity, when the feeling that a Quadrangle Club "agent" lurks always in the background or the bludgeon of undergraduate tribunals hangs over the wearers head? Does the wearing of a freshman tie as a symbol of unity produce its greatest effect when coercive force is held in threatening reserve for application?

How much better it would seem to everyone in the school, and to the freshmen especially, if we could be sure that the men wearing freshman ties are wearing them because they want to wear them; wearing them because they want to show the rest of the school that they are proud to be members of the Class of 1937.

Unfortunately, under our present system of enforcement we cannot be sure that this is so. Perhaps, next year, when the rules are presented to the next freshman class, the persons formulating them will heed the advice so often given by Professor Magoun of the Humanities Department: "Get the other fellow to do what you want him to do, because he wants to do it." There are ways in which the rules can be presented to produce such a result.

"LET'S GO TO DUTCHLAND"
 Before and After the Football Games and the Show
Visit DUTCHLAND FARMS STORE
 Memorial Drive, Cambridge - Opp. Magazine Beach
Daily Luncheons - After Theatre Specials
DUTCHLAND GRADE A ICE CREAM
 The Only Grade A Registered Ice Cream in New England

Soccer Team Has Started Practice

For the last few days the soccer squad has been practicing on Coop Field every afternoon, in preparation for a strenuous schedule which opens on October 7, when the Engineers play the strong Yale varsity. A few freshmen have already come out and are practicing daily with the varsity, and Coach Malcolm Goldie expects several more to report in the near future. A freshman schedule has been prepared and the yearlings will engage several prep school and college freshman teams.

The varsity has much more material to draw from than in the past with practically all of the members of last year's varsity and strong freshman teams available. The only losses by graduation were those of Captain Kiddé, Stone and Bateman. Du Holladay also will be missing as he is not planning to come out for soccer this fall because of the pressure of other activities.

Undergraduate Notice

The first meeting of the Christian Science Organization will be held Tuesday, October 3, at 5 o'clock in Room 4-132.

SPORTS COMMENT

Coach Oscar Hedlund has planned his first track mass meeting for next Tuesday afternoon in Room 3-270. Captain Dick Bell and others will speak, and the movies of the 1932 I.C. 4-A games in California will be shown. The pictures are excellent slow-motion studies of the champions' form, and show the camera timing for each race.

Cross-country prospects are somewhat brighter than at this time last year. Captain Bob Mann and ex-Captain Johnny Barrett will be starting their third varsity season, while several other veterans will also be on hand. Taking up cross-country for the first time will be Morton Jenkins, the hockey player who surprised everybody last spring by taking second place in the New England championship mile, in the third race in which he had ever represented Technology. Jenkins did some running during the summer, and had two great races with Jack Kearns, a former Beaver star. In their first meeting Jenkins was victorious, but Kearns turned the tables the next time. In winning, Jenkins made better time than the Institute mile record.

Soccer practice is already being held daily on the Coop Field. All but four of last year's team, which won two games and tied another out of nine, have returned, as have several promising subs. Usually faced with lack of experienced material, Coach Malcolm Goldie, for many years a star on the New Bedford professional team, has a better chance this year to develop a winning eleven.

The gym team will suffer most this season from losses by graduation or failure to return to school. Ivan Getting, Guy Barnett, and Dave Treadwell graduated, and two other stars, Bissell and Flaitz, have not come back to the Institute. The latter two were the high-point scorers a year ago and were counted upon to lead the team this year. Captain-elect Flaitz was a tumbler and rope-climber, while Bissell excelled on the side horse. Their loss leaves only Wally Wise and Ernie Van Ham from the 1932-33 varsity.

SOPHOMORES SHOW LITTLE SPIRIT IN FIELD DAY EVENTS

Freshmen Have Sixteen Men Out for Relay Team, With More to Come

Present indications at the track house point to a freshman victory in the annual Field Day relay race, for only five Sophomores have reported to date. Sixteen freshmen, most of them with good track records in high or prep school, are already working out on the cinders every day.

Three men who starred at freshman camp are among the group. Foatz, a high-point man at camp, Wilkes, formerly of Newton High, and Webster, of Malden High, are among the foremost. Others are Armitage and Sawyer from Andover, Cooper of

Breakfasts 15c to 35c
Luncheons 30c to 60c

AT **Lydia Lee's**

Opposite the Aeronautical Laboratory
136 Massachusetts Avenue

Winchester, and McClellan of Newton.

At the crew house the same thing prevails—freshman spirit and sophomore laxity. Unless the second-year men wake up they will be forced to accept the unwelcome record of going through two Field Days without scoring a point.

Work on the football and tug-of-war teams will begin next week, after the coaching staffs have been appointed. The only coach already known is Otto Zwanzig, '35, who will have charge of the tug-of-war mentors.



Supper Dances

Will resume Saturday Evening, Sept. 30, and continue nightly thereafter (except Sunday) in the

**Sheraton Room
Copley-Plaza Hotel**

Music by the famous Meyer Davis' Le Paradis Band
Joe Smith directing

Tea Dances

EVERY SATURDAY AFTERNOON
COMMENCING OCTOBER SEVEN

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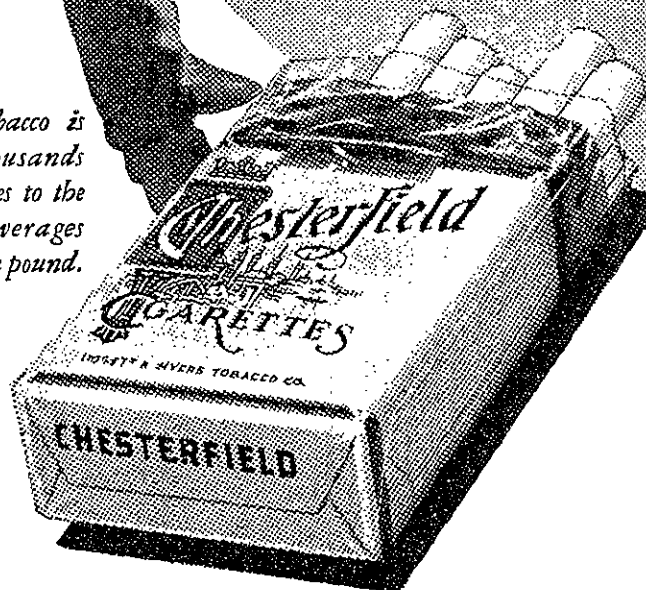
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Gorham K. Crosby, '34	John B. Dunning, '34
Joseph Seligman, '34	Henry D. Humphreys, '34

FIELD DAY MANAGER

J. Barton Chapman, '35

JUNIOR CLASS PRESIDENT

Walter H. Stockmayer, '35

SOPHOMORE CLASS PRESIDENT

Philip G. Briggs, '36

FIELD DAY MARSHALS, CLASS OF 1934

Henry B. Backentoss	John M. Flaitz	William Mills
William G. Ball, Jr.	Ralph N. Geil	Reginald G. Murdoch
Robert C. Becker	John M. Hitchcock	Eugene O. O'Brien
Richard Bell	Louis P. Holladay	George Priggen
George P. Bentley	Henry D. Humphreys	H. L. Reichart, Jr.
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Edward P. Bromley	H. Neal Karr	Joseph L. Seligman, Jr.
James H. Burnham	E. Philip Kron	Hoyte P. Steele
Edgar B. Chiswell, Jr.	Donald Lister	Charles Stewart
William R. Churchill	Charles H. Lucke, Jr.	Frederick W. Vaughan
Gorham K. Crosby	Hal L. McKeever	Philip B. Walker
John B. Dunning	Robert E. Mann	John W. Westfall
James P. Eder	Ivar Malstrom	Proctor Wetherill
Robert M. Emery	Arthur Manson	Arthur O. Williams
Wilbur P. Foote	Frank R. Milliken, Jr.	Walter W. Wise

FIELD DAY USHERS, CLASS OF 1935

Richard F. Bailey	Edward Edgar	Wesley H. Loomis
John P. Bainbridge, Jr.	Kenneth D. Finlayson	Bernard Nelson
John B. Ballard	Leslie J. Fitzgibbon	Henry Ogorzaly
Hal L. Bemis	Samuel S. Fox	John E. Orchard
John H. Best	G. Peter Grant	Arthur Marquardt
Louis F. Birchall	Donald C. Gutleben	Cason Rucker
Edward J. Collins	Lawrence C. Hall	Richard Shaw
Buckley Crist	Philip P. Johnson	Dexter Stevens
William W. Cross	Thomas C. Keeling	Walter Stockmayer
Arthur Croxon	Arthur M. King, Jr.	W. Whitman Stueck
T. Charles Dauphine	Richard Lawrence	William Yepsen
John Duff	G. Frederick Lincoln	

Hedlund Gets Good Response to Call For Cross-Country

Captain Mann Heads Varsity Candidates; Twenty-one Freshmen Out

Led by Captain Bob Mann, the varsity cross-country candidates reported to Coach Oscar Hedlund this week. With three days of work behind them, the men are preparing for a workout Saturday either over the Harvard course or at Franklin Park.

One of the outstanding candidates is Morton Jenkins, the best miler at the Institute last year. This summer Jenkins ran a 4:24 mile at the B. U. Field Day. Since this time is faster than the school record it is expected that he will break the record this year.

Included among the candidates are: Captain Mann, Jenkins, Barrett, Talbot, Blair, Nichols, Greenwood, Pfanz, Hain, Fitch, Denton and Ranger.

The twenty-one freshmen who have reported for cross-country so far, "looked good," according to Coach Hedlund who has them working daily up and down the river bank. An important practice is scheduled for Saturday afternoon.

The freshman group includes such promising former high and prep school runners as: Maddock from Belmont, Haskell from Winchester, Vogel from Boston English, Brettman from Roxbury Memorial, Rollins from South Kent, Sargent and Moffett from Roxbury Latin, Roberts from Worcester, Morse and Dodge from Rutgers Prep, Matthews from Mt. Hermon, and Peters.

Over One Hundred Enter Tournament

Fall Tennis Competition Begins Today as Seeded Players Open First Round

With over one hundred tennis enthusiasts entered in the annual fall tournament, the contest promises to be the most keenly contested in recent years. Many of last years varsity and freshman teams are entered and will take the lid off the Institute's sports when they start the first round of the tournament today.

Brackets for the first round will be posted on the bulletin board opposite the cashier's office today. According to the rules of the tournament all contests must be played at the scheduled time or they will be forfeited. Each player must get in touch with his opponent for all preliminary arrangements.

Expected to Last Over Month

It is expected that the tournament will last well over a month because of the large number of entrants. The purpose of the tournament in the past years has been to give all men a chance to show their ability for both varsity and freshman teams, considering that only a short time is available for practice in the spring before the members of the teams are picked. A large silver loving cup will be given to the winner of the tournament.

Customer: "I'd like to try on that suit in the window."
Clerk: "Sorry, sir, but you'll have to use the dressing room."

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PROF. HUNSAKER ASSUMES DUTIES

(Continued from Page 1)

type airship, the Shenandoah, to be built in this country. Dr. Hunsaker is responsible for the present airway system of wire and radio weather service used by commercial aviation. More recently, as vice-president of the Goodyear Zeppelin Corporation, he was connected with the construction of the airships Akron and Macon. This year he was awarded the Daniel Guggenheim medal for his contributions to aeronautical science.

Supervises Aeronautical Work

As head of the department of mechanical engineering at Technology, Dr. Hunsaker will also have charge of instruction and research in aeronautical engineering and meteorology. He is a graduate of the United States Naval Academy in the class of 1908, and after a period of sea duty he was selected by the Secretary of the Navy to take the advanced course for naval constructors at Technology. In 1912 he was awarded the degree of master of science, and in 1916, after completing a thesis on the dynamical stability of airplanes, he received his degree of doctor of science.

When Dr. Hunsaker began his studies at Technology, airplane design as an engineering art did not exist. His early interest in aviation was stimulated while studying under Professor Cecil H. Peabody at the Institute, and his subsequent contributions to the field of aeronautical engineering are closely linked with the progress of aviation in this country.

Talkative Lady: "A big man like you might be better occupied than in cruelly catching little fish."
Angler: "Perhaps you're right, but if this fish had kept his mouth shut he wouldn't be here."

PROFESSOR SZASZ TO GIVE LECTURES

(Continued from Page 1)

Professor Szasz has been a member of the mathematics staff at the University of Frankfurt in Germany since the school's foundation soon after the war. Previously he served as instructor at the University of Göttingen.

Awarded Hungarian Prize

A native of Hungary, Professor Szasz was recently awarded a notable prize given in that country for achievement in mathematical analysis. He is a former student of Professor Leopold Fejer, one of the founders of Hungary's important school of mathematics, which, partly as a result of extraordinary emphasis placed on mathematical study by the Hungarian government and universities in recent years, has come to be considered one of the most brilliant scholastic groups in the world.

Master of Clear Exposition

Professor Szasz is known as a master of clear exposition, and is the author of numerous mathematical papers. For many years he and Dr. Norbet Wiener of Technology's department of mathematics have worked in close touch, and the two plan to co-operate on various analytical problems during Professor Szasz's stay at the Institute.

BUY-SELL-SWAP

USE
THE TECH'S
NEW
CLASSIFIED
COLUMNS

Leads Bible Class At Tremont Temple

The Comrad's Class, a course in Bible-study, intended especially for college men who come from other cities, will be conducted by Mr. Ernest L. Harvey, of the Gordon College of Theology and Missions, at Chipman Hall, Tremont Temple, on the sixth floor at 12.10 o'clock on Sundays. The purpose of the group is to make men from out-of-town feel at home and to present to them some of the lessons of universal application in the Bible. The discographic method, a new approach to the subject by Mr. Harvey, will be used. Five-minute discussions will be held at the close of the meetings.

This group will hold a series of monthly gatherings, the first of which will be a jinx party on October 13.

The course was conducted in previous years by Reverend Harold Warren.

A woman sent the following note to her rector: "A man going to sea, his wife desires the prayer of the congregation."

The following Sunday the clergyman innocently gave out: "A man going to see his wife desires the prayers of the congregation."

SMOKER HELD BY T.E.N. MONDAY

James R. Killian, Jr., Editor of the *Technology Review*, and Frederick G. Fassett, Jr., a member of the English Department, will be the principal speakers at the *Tech Engineering News* smoker at five o'clock, Monday, October 2.

At the smoker, which will be held in the West Lounge of Walker, freshmen will be given information as to what T.E.N. has to offer them.

T.E.N. offers positions in the Editorial, Advertising, Circulation, Publicity, and Treasury Departments.

All freshmen interested are invited to attend.

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NOW IS THE TIME TO MAKE YOUR CHOICE

A college education is never complete without at least one extra-curricular activity. This fact has been reiterated time and again by thousands of givers of advice all over the country to the class of 1937. During the first few weeks of the Fall term at Technology, most of the activities hold smokers in order that the freshmen may learn something about those in which they are interested.

THE TECH is holding its smoker this afternoon. At this smoker Arthur W. Walker, '82, first editor of THE TECH; Arthur D. Little, '85, head of the chemical firm bearing his name; Isaac W. Litchfield, '85, composer of "Take Me Back to Tech"; and Frederick G. Fassett, Jr., of the English department, will speak.

**NORTH HALL
WALKER MEMORIAL
FIVE O'CLOCK TODAY**

REFRESHMENTS

