

## Technology Wins Discussion From Harvard Orators

Favor Constitutional Amendment To Regulate Commerce In United States

Vogel, Treat, Bossange, Men On Victorious Debating Squad

"United States Is A Generation Behind In Legislation," Says Vogel

Technology's debaters headed by Paul A. Vogel, president of the Debating Society and speaking in the affirmative last night were adjudged winners over speakers from the Harvard Debating Council in a discussion: "Resolved: that the following amendment should be incorporated in the Constitution of the United States: Article I, that Congress shall have the power to regulate all industry and commerce within the national boundaries; Article II this power of Congress shall be limited by Articles 1, 4, 5, 9 of the amendments to the Constitution."

Harvard speakers granted the need of an amendment to deal with economic problems which have arisen since the formulation of the constitution but were opposed merely to the wording, saying that it granted too extensive powers to the Congress. Robert E. Dunn, speaking for Harvard, said that provisions of the proposed amendment are "averse to the American democratic ideal," and that they would "encroach on the liberty of the individual." He maintained that the proposed amendment is too

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Debating

## Graduates To Sponsor Sunday Afternoon Tea

November 17 Chosen For First Function Of This Year

Sunday afternoon tea will be served in the Graduate Dormitories from 4 to 6 o'clock this Sunday, November 17, following the custom of the past two years. All residents of the Graduate House are invited to attend, whether or not they are accompanied by their guests.

This is the first tea sponsored by the Graduates this year, and they plan to hold two similar functions each semester of the Institute year. Various members of the Faculty are invited to attend these affairs, and the Graduates are urged to take advantage of this opportunity to make the acquaintance of these members of the Institute staff, and of their fellow students.

**Open House In Dorms**  
Tea will be served in the Crafts Living Room and Library. In accordance with the policy of the Dormitory Board, Open House will be observed throughout the Graduate and Undergraduate Dormitories.

Among the invited guests will be Dr. and Mrs. Karl T. Compton; Dr. and Mrs. Vannevar Bush; Dean Harold E. Lobdell; and many other prominent members of the Faculty.

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Graduate Tea

## New Officers Chosen By T. C. A. Freshmen

At a meeting last night in the T.C.A. office, the Freshman Cabinet of the T.C.A. elected its officers. Everett Hanke was chosen president, Fred French, vice-president, and Morris Nicholson, secretary.

The Freshman Cabinet is the junior organization of the T.C.A., and numbers twenty-one members. It will function independently in the future, as it now has a governing body. Meetings will be held every two weeks.

### Medical Aptitude Tests Given Here On December 6

The Medical Aptitude Tests given by the Committee of the Association of American Medical Colleges have been scheduled for December 6, 1935.

All students planning to enter a medical school in 1936 should arrange to take the test by registering with Prof. F. A. Magoun in Room 4-136. The test is now one of the normal requirements for admission to a medical school.

## Boat Club Stages Dance In Walker

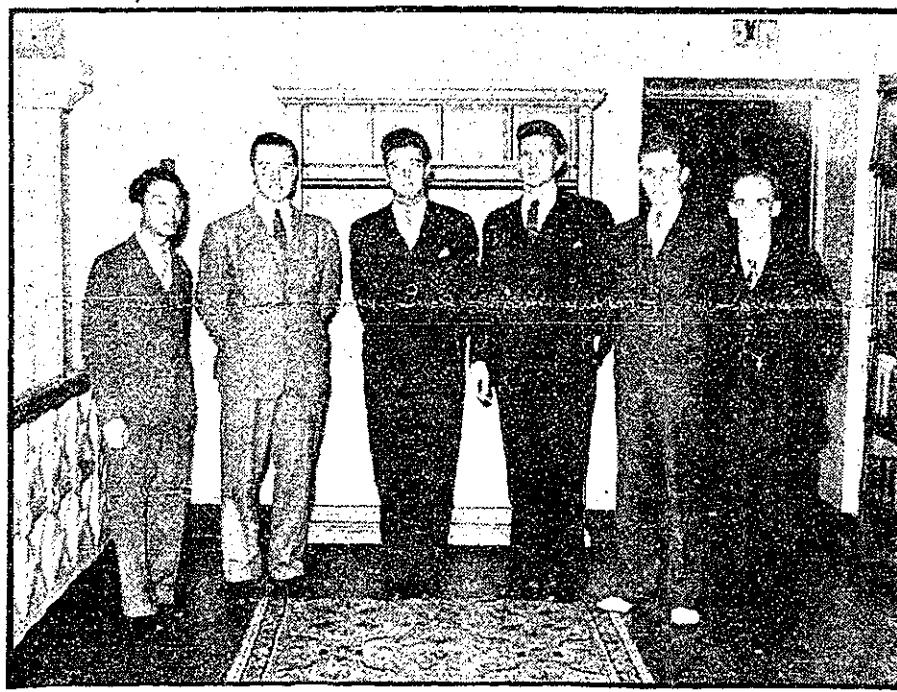
### Al Starita's Famous Orchestra To Play Midst Marine Decorations

At its annual "Yacht Party" to be held tonight in Walker Memorial, the Tech Boat Club will present Al Starita and his well-known London and Boston orchestra. Lorraine Merrill, formerly of the Brown Derby, and

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Boat Club Dance

## Debating Teams Before The Fray



Staff Photo  
The Tech photographer snapped this picture of the two debating teams before the victory of Technology over Harvard last night. Left to right: Robert E. Dunn, Edward J. Duggan, James Fuld, all of Harvard; Robert Treat, Jr., '38, Edouard Bossange, '38, and Paul A. Vogel, '37, all of Technology.

## M. I. T. Division Of Sigma Xi Will Hold Annual Fall Meeting

### Professor Slater Will Deliver Talk To Assembled Group In Moore Room

The fall meeting of the M.I.T. chapter of the Sigma Xi, honorary engineering society, will be held on Thursday, November 21. Tea will be served at 4 o'clock in the Moore Room on the third floor of Building 6. After the

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Sigma Xi

## T. C. A. Drive Nearly Attains \$2880 Goal

### Expect \$139 Shortage To Be Made Up By Late Gifts

Students at Technology contributed \$2,741.04 to the Technology Christian Association during the Drive just ended, \$138.96 less than \$2880 goal of the drive. 56.8 per cent of the student body made some contribution, as against only 40 per cent last year.

Fraternity houses again contributed the greatest amount, \$1146.02, the commuters were next with \$875.75, and the Dormitories contributed \$719.27. Delta Kappa Epsilon had the highest average among the fraternities, and Goodale had the highest Dormitory average.

## Sailing Assured At Enthusiastic Meeting Tuesday

### Compton, Loomis Give Boats; Schell To Raise Funds For New Fleet

#### Sailing Census Shows Interest

Three hundred students who attended the sailing mass meeting on Tuesday expressed enthusiastic approval by a resolution recommending sailing as a new undergraduate activity at Technology. President Compton and Alfred G. Loomis, Member of the Corporation, each presented a boat to start the new fleet; and Professor Erwin H. Schell received official permission to raise funds for the projected group of ten to fifteen dinghies.

John Austin, President of the Institute Committee, stated, "The results of the sailing census show that the majority of those contacted are in favor of the activity. Approximately one-fourth of the cards sent out by

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Sailing

## Prom Committee Is Chosen As 213 Men Cast Their Ballots

### Tech Union Hears Talk By Compton

#### Explains Accomplishments On National Science Board

In a talk on "Work of the Engineer with the Government", Dr. Karl T. Compton, President of the Institute, told the Tech Union about the accomplishments of the National Science Advisory Board, of which he is the chairman, at a meeting at 7:30 o'clock, in the Eastman Lecture Hall, Room 6-120, last Tuesday.

Between sixty and seventy million dollars are spent annually by the government in the interest of science, according to Dr. Compton. In order to put this money to the best use, the National Science Advisory Board, composed of the leading scientists of this country, was formed. At present the money is divided almost equally between the government agencies, the schools, and private industries. Technology itself has a portion consisting of three million dollars.

#### Statistical Bureau Formed

Many reforms were advocated for the advantage of the Bureau of Standards and most of them were ac-

(Continued on Page 5)

Tech Union

## Physical Scientists To Meet In St. Louis

### Annual Meeting To Be Held At Washington University

The 37th annual meeting of the American Physical Society will be held at the Washington University, St. Louis, Missouri, on December 31, 1935, and January 1 and 2, 1936, in affiliation with section B—Physics—of the American Association for the Advancement of Science.

The preliminary arrangements of the St. Louis program include a joint session on Tuesday, December 31, with the American Association of Physics Teachers in a symposium on "Photoelectricity". A joint meeting will occur on Wednesday, January 1st, with Section B of the American Association for the Advancement of Science and the American Association of Physics Teachers at which time the retiring vice-President of Section B, Henry G. Gale, will deliver an address on the "Diffraction Grating". There will also be addresses by the

(Continued on Page 5)

A.A.A.S. Meeting

### Prouty, Young, Wemple Simpson, Burnett, Chosen

#### Beaver Key Society Elects Eight Juniors To Membership

#### Institute Committee Announces Senior Dance Committee, Athletic Budget

The names of the five members of the prom committee elected during the balloting on Wednesday of about 50 per cent of the Junior Class were announced yesterday at a meeting of the Institute Committee. The results of the Beaver Key and Senior Dance elections were also made public at the meeting, the athletic budget for the coming year was discussed and outlined.

The athletic budget for the coming year is a total of \$16,810.73. A change has been made in the apportionment of the student dues, increasing the amount awarded to the Institute Committee from 36 cents to 50 cents per man and decreasing the reserve contingent from 40 to 26 cents. Of the remainder of the \$7.00 set aside per man, \$5.80 goes to athletics and 44 cents is used for class purposes.

After the announcement of the Junior Prom Committee, David McClellan, president of the Junior Class stated, "The members of the Class of 1937 want a Junior Prom and with that as a goal the newly elected committee will begin to function immediately. I feel certain that when the committee can put forth some definite facts in regard to this dance that the class will give its whole-hearted support and make the Prom a success."

#### Results Of Elections

The newly elected personnel for the various activities concerned follows:

Junior Prom Committee:—William B. Burnett; G. Richard Young; George B. Wemple; Harold E. Prouty; Jack M. Simpson, Jr.

Alternates:—William H. Austin; Dominic J. Cestoni; Leonard A. Seder.

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Junior Prom

## Intercollegiate Dance Has Girl's Orchestra As Feature Attraction

### Avukah, National Zionist Club Holds Dance This Monday In Main Hall

A twelve piece orchestra comprised entirely of girl musicians will be the feature at an Intercollegiate Avukah Society to be held this Monday evening at 8:30 o'clock in the Main Hall of Walker Memorial.

The engagement of the Diane Sisters will mark the first occasion that a girl's band has played at a Technology social affair. Proceeds of the dance will go to the Jewish National Fund and toward the maintenance of the Avukah scholarship fund. Admission is fifty cents.

Avukah is a national student Zionist organization, which aims to the rehabilitation of Palestine as a national Jewish homeland. Menorah, which is also a national organization, has no political affiliations.

In charge of the dance is Justin Shapiro, '36, assisted by Yale Andelman of Harvard, Janet Sklar of Radcliffe, and Beatrice Rome of Simmons.

## British-Italian War Is Inevitable Says Naval Architecture Professor

are poor seamen and that England has an efficient air force.

#### Present Status Of Navies

The present status of the two navies is as follows:

Battle-ships	Britain, 15; Italy 4
Heavy cruisers	Britain 18; Italy 7
Light cruisers	Britain 17; Italy 12
Destroyers	Britain 56; Italy 55
Submarines	Britain 36; Italy 48

Explaining that this summary did not tell the whole story, the marine architecture Professor maintained:

"From the figures, it would seem that Italy has the edge over Britain, but other facts must be considered. Today, England, in defense of her position, has one hundred fifty vessels, (Continued on Page 6)

Owen



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 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
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## OPEN FORUM

In opening its columns to letters addressed to the Editor, THE TECH does not guarantee publication nor does it necessarily endorse the opinions expressed. Only signed communications will be considered. However, if the writer so desires, only the initials will appear on publication.

Graduate House  
 10 November 1935.

The Editor  
 "The Tech."  
 Sir,

While it undoubtedly the privilege, and probably the sole raison-d'être, of an undergraduate newspaper to provide a flippancy and care-free commentary on the life around, yet there are many, I believe who feel with me that the tone of your editorial on Friday entitled "Revolt on the Campus" was rather unfortunate. It is proving in many places a hard fight to maintain the dignity of the Engineering profession, or rather to raise it to that level where it should stand;—as a Profession with the right, indeed the duty, of its members to use their talents for the community rather than for sectional interests and to reserve their freedom of thought and opinion. Whether that is in favour of or against capitalism is beyond the point. I sincerely trust that the average Technology student is more than a trained brain, "equipped for a job" with the company who buys him and expressing a mild disinterest in sociological conditions. In fact your editorial seems such a candid vicarious confession of spinelessness that I wonder if it is intended as biting satire to drive Mr. Wechsler's point home; if I am so mistaken may I congratulate you on the skill in presenting it in a manner that at the same time could not fail to earn warm approbation from the most hard bitten "captain of industry".

Ian Stewart

Editor's note:

*Editor's note: We are properly horrified that Mr. Stewart has apparently read into our editorial a meaning which it was certainly not intended should be there. It has been our consistent policy to urge wherever possible that students take more rather than less interest in sociological conditions. Unfortunately we must refuse with regret Mr. Stewart's congratulations for having attempted to drive home Mr. Wechsler's point; nothing could have been more remote in our mind. We have printed the letter of Mr. Stewart, word for word. He received his degree of Bachelor of Engineering from the University of Queensland in Australia in 1932.*

## A WEEK-END OFF

MID-TERM DOLDRUMS

WITH almost half of the term gone, we suddenly experienced the feeling that everything was going wrong: we were being blamed for things that were not our fault and for things that were; assignments lagged far behind and we flunked quizzes; but the bitter bite was that our favorite pipe had been lost for days and days.

In short the world seemed to rotate rapidly about us; so rapidly that the centrifugal force was throwing us on the outside. Although we had not yet begun to see spots and hear noises, it was with a genuine fear of an insidious and secret mental decay that we approached our professorial expert in such matters.

But the malady was a typical one to our sage. He, like us, had the same feeling at the same time every term, so we asked him

his remedy. The cure, however, seemed almost complex, it was so simple. "Take a week-end off," he said.

Take a week end off! What a naive solution, yet the mere thought of it made us feel better. Then we remembered the last week-end we had taken off. Time was mostly occupied with child-like, primitive pleasures such as making cider with a small hand press, walking for hours over the neighboring countryside (we were on a New Hampshire farm), and digging witchgrass from some fertile land.

We neglected to tell this to the expert, but if we had we are sure it would have pleased him. "More exercise; a complete change of environment." If the agrarian movement does not appeal to you, he said, try a good show, a good meal with convivial friends, small talk afterwards.

We left the presence feeling more reverent than ever before. On our way down the corridor we passed the instructor in one of the courses we were not passing. Our greeting must have astounded him. It was not the pathetic, mournful hello of the erring sheep, but the belligerent bellow of the arrant ram. To our dying day we will maintain that the instructor quailed visibly.

This experience is not cited because we thought our personal adventures would amuse you, nor with the hope that it would find in you a sympathy. Technology students are notoriously apathetic, our expert on apathy states. But if you, like us, are being attacked with the mid-term doldrums, take a week-end off, dear coz, take a week-end off.

## WAR IN THE MAKING

AND YOU

ONE nice morning (or was it afternoon?) a young man assassinated another man, not quite as young; the time: July, 1914; the place: Sarajevo, Serbia; the dead man: Archduke Ferdinand of Austria-Hungary. And presently things began to happen: the pistol shot that set the world afame.

At the outbreak of the World War it appeared to most people that this was just another little war, to be ended within a few weeks as a local tug-of-war between Serbia and Austria. When John Q. Whatshisname, young resident of Slippery Rock, Arkansas, picked up his favorite newspaper and saw the screaming headlines telling of developments some four thousand miles away, he grunted contemptuously, and turned to the comic strips. Three years later he was forced to grunt again; this time, while forcing his way through the bottomless Flanders mud, to make the world safe for anything but democracy.

Many things have happened since. A new "balance of power" was set up, treaties signed, promises made, and hopes expressed. Today the world is heading for another World War. All efforts in behalf of general disarmament and international co-operation have failed miserably and nations have joined the armament race making preparedness of 1914 look like a state of hopeless defencelessness.

A comprehensive analysis of events leading up to the World War, and likely to give rise to a new general conflagration is given in a little volume put out by the Foreign Policy Association under the title "War Tomorrow—Will We Keep Out?". The thirty odd pages are packed full with important information of a kind which cannot be obtained in the classroom but which is essential to everyone who is anxious to understand the significance of the position which the United States occupies in world politics, and how it may affect him as "innocent" citizen. The book can be obtained in the Central Library: it should be on the "must list" of every thinking student.

## EDITORIAL NOTES

The practice of sending laundry home seems to be becoming a popular fad throughout the country, according to a Railway Express report, which organization surveyed over one hundred colleges recently, located in every state in the Union. Laundry is now second only in importance to the baggage business which Railway Express handles from colleges and schools.

Editors of college newspapers, magazines and yearbooks favor the re-election of President Roosevelt, according to the results of a poll recently conducted by "Pulse of the Nation." The complete returns gave Roosevelt 408 votes, Borah 52, Frank Knox 26, Herbert Hoover 23, Norman Thomas 23, Governor Alfred Landon 22 and other candidates from 1 to 8.

The separate poll for parties showed: Democrats 386, Republican 183, Socialists 45, Independents 20 and Communists 10. The Democratic party led in all sections of the country except New England, where the Republican party was ahead. Complete returns are listed in the November issue of "Pulse".

This poll is the first of a series of polls which "Pulse of the Nation" is planning to conduct among various groups in American life.

## Reviews and Previews

AT THE THEATRE  
 SHUBERT—Romeo and Juliet with Katharine Cornell.  
 PLYMOUTH—Three Men On a Horse, a comedy.

SHUBERT—Continental Varieties with Lucienne Boyer.

BOSTON OPERA HOUSE—George White Scandals with Bert Lahr and Sheila Barrett.

COPLEY—Katydid, So What with Mary Young and Elaine Barrie.

SYMPHONY HALL—The massive 9th, or choral, symphony of Beethoven will be performed by the Boston Symphony Orchestra on Friday afternoon and Saturday evening. Soloists will include Paul Althouse of the Metropolitan Opera Company.

AT THE MOVIES

METROPOLITAN—So Red The Rose with Margaret Sullavan. Also Tin-types Of 1936 on the stage.

MAJESTIC—A Midsummer Night's Dream with Verree Teasdale, Anita Louise, Joe E. Brown, etc.

KEITH MEMORIAL—Transatlantic Tunnel with Richard Dix, Madge Evans, Helen Vinson.

RKO BOSTON—To Beat The Band with Hugh Herbert. On the stage Gertrude Neisen in Melody Mad Revue.

MODERN—She Married Her Boss; also Last Outpost.

UPTOWN—She Married Her Boss; also King Solomon of Broadway.

PARAMOUNT AND FENWAY—In Old Kentucky with Will Rogers; also Douglas Fairbanks in Mimi.

COMMENTS

The week-end seems to be full of events for the theatregoer. Plenty of comedy, drama and straight run features are to be had either on the screen or on the stage.

The stage feature seems to be that famous Shakespearean drama, Romeo and Juliet. No mention need be made in regard to the superb acting of Katharine Cornell, which is by now expected. Mention need be made of the supporting cast, however, a cast that not only acted when attention was focused on it but even when dealing in trivialities. Mention should be made of Florence Reed who played the part of nurse to Juliet. Her acting was indeed beyond criticism.

Wine, women and dance without the wine is the trend of George White's Scandals. Although the production was a little weak at the outset, it soon pulled out of what seemed to be a fog and assailed the audience with sweet music, clever dancing, and beautiful song.

Censors! Do you realize? Katydid, So What is presenting a very straightforward comedy on human relationships . . . Elaine Barrie is one of the actresses . . . a wooden soldier!?! but Mary Young is still at the stern which means that there must be something worth while seeing.

Music such as only Lucienne Boyer

can render is not only recognized in Edinburgh and Boston but also in far

away Tahiti. As star artiste of the

Continental Varieties, she leads the

group in inimitable French love songs

rendered in her own magnificently

impressive manner.



Lumens

To every Tech man comes one day the realization that no longer may he enjoy spontaneous thoughts rising of a sudden from his perception of pleasing surroundings, stimulating occurrences. When his room-mate skids on the shower room tiles, he no longer can view with trusting happiness the prospect of rubbing soap over those same tiles to facilitate the action of gravity at his pal's next attempt to avoid carrying Cambridge grime to Wellesley. No, instead, he must concern himself with the friction coefficient of the lubricant, a connection which immediately takes all the fun out of the prank.

So we found ourselves, before an uninvited visit to a Dramashop rehearsal of "Candlelight" regarding, not the pleasing prospect of seeing co-eds intrigue-in-public, but subconsciously converting candles to lumens. Would they be standard candles? At 4" pi lumens per candle how many lumens would we find spread over the set. We made a note to remember to bring some lumens back with us. Ever since we used a photoflood for two-three hours without realizing that it was a photoflood bulb we have been dissatisfied with the lighting of our apartment.

### Misrepresentation

We were due to be disillusioned. Dramashop may put on a play which originally featured even so obsolete (Continued on Page 6)

Lounger

to be a fog and assailed the audience with sweet music, clever dancing, and beautiful song.

Censors! Do you realize? Katydid, So What is presenting a very straightforward comedy on human relationships . . . Elaine Barrie is one of the actresses . . . a wooden soldier!?! but Mary Young is still at the stern which means that there must be something worth while seeing.

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G.M.L.



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## Beaver Booters Turn In Second Victory In Row

Handily Defeat Strong Tufts Team By Score Of 2-1 Harvard Next

### Arino And Wu Score For Tech

Scoring two goals to Tufts' one, the M.I.T. Soccer team turned in its second consecutive victory of the season last Saturday at Tufts' Field. The victory gave the Soccer team a season's record of two wins, two defeats and a tie. With two games remaining the team is assured of its best season since 1931.

The kickers will meet Harvard Saturday and Army next, the following week. The game with their Cambridge rival which will be played at the Harvard stadium, promises to be a tight game, probably the season's most interesting. The Tech team is in fine physical and mental condition and is anxious to continue its winning streak at the expense of its rivals.

In Saturday's game Tech took the offensive in the first quarter and bombarded the Tufts goal, but there was no score. In the second quarter Tufts took the offensive and repeated Tech's scoreless performance.

Early in the third period, Gus Arino, who has been playing a marvelous game all season, took a long pass from Gillis, dribbled through the Tufts secondary, and shot a long low drive into the goal for the first score. Later Billy Wu after missing a penalty shot, booted a scorcher into the upper corner for Tech's second tally.

In the final period Tufts fought furiously but to little avail, for the Tech team held them scoreless till the closing moments of the game when Guzwicz drove home the lone Tufts goal.

#### Summary:

M.I.T. A. Gray, g; (Capt.) Hamilton, lb; Brittenham, rb; Lindsey, lh; Gillis, ch; Essley, rh; Waxman, ol; Ceballos (Wemple), il; Wu, c; Dreselly (Kron), ir; Arino, or.

Tufts. Galuska, g; Willoughby, lb; Farnsworth, rb; Garner, lh; Bounakes, ch; Lister (Greely), rh; Healy, ol; Cornwell, il; Coolidge, c; Toon (Lewis), ir; Parkes (Guzwicz), or.

Score: M.I.T. 2, Tufts 1. Goals by Arino, Wu, Guzwicz. Referee Ritchie.

## Dramashop Produces Play By Wodehouse

Freshman Co-ed and Senior Star In Leading Parts

The Dramashop will produce "Candlelight", a light sophisticated comedy at 8:15, November 21, 22, and 23, in the Commons Room of Rogers Building. The tickets may be obtained for \$1.00 from any club members, in Room 2-176, or at the door.

Under the direction of Prof. Dean M. Fuller, the seven members of the cast have been practicing for the last six weeks. The leading parts are played by James J. Souder, '36, who starred last year in Cohan's The Tavern and O'Neill's Beyond The Horizon, and Anne A. Person, '39, a newcomer to Dramashop.

Candlelight was originally written by Siegfried Geyer, a German and has been adopted into its present three act form by P. G. Wodehouse. The setting will be modernistic, mostly blue green and tan, and will contain an original mural which is being selected by a competition now in progress. The setting is under the direction of John P. Allen, '36, stage manager, and Donald B. Peck, '38, in charge of the lighting. No professional services will be employed for the make-up since the actors wish to demonstrate the proficiency they gained from the lessons they took last spring.

Infirmary List  
At present the students in the Infirmary are:

Mary Arnold, '39; Robert Baillie, '39; W. Coleman, '37; Robert Gage, '39; Theodore Harris, '39; Marguerite Leavitt, '39; Rolf Schneider, '37; R. Vose, graduate.

## Third Fall Handicap Track Meet Saturday

### Kites Wins Two Events In Meet Run Off Last Week-End

The third fall handicap track meet will be run off Saturday afternoon by Coaches Oscar Hedlund and Bob Bowie. The coaches have had meets planned each of the last three Saturdays, but one was cancelled because of lack of entries.

The meet Saturday will see competition in eight events of track and field including the 300, 880, 80, and mile-and-one-quarter races as well as high jump, javelin throw, shot put, and 220 low hurdles.

In the meet held last week, Kites took both the broad jump and shot put, Schmitt took the 100 yard dash, Hyde the 220, Faatz the 440, while Cooper won the Varsity cross-country with Peter taking the frosh cross-country. The high jump was won by Breyes.

## Cross Country Skiing Planned By Ski Club

### Invitations Already Received For Winter Carnivals

With invitations to many of the winter carnivals already received, the Technology Ski Runners Club is endeavoring to encourage the formation of a Cross-Country Ski Team at the Institute. The first meeting of the club this year was held on Tuesday, November 13.

Invitations have been received from the Middlebury, New Hampshire, and Dartmouth carnivals, as well as several others to be held in the New England district.

At the meeting Tuesday, movies of "pine needle skiing" and of the Dartmouth Outing Club on Mount Mousilauke were shown. The next meeting will be held in a week or two.

The club is planning on conducting week-end and vacation skiing trips into the snow country this winter. In addition skiing conditions throughout New England will be posted by the club as soon as they are made available.

### UNDERGRADUATE NOTICE

"Present Physics and Future Engineering" will be the subject of a talk by Professor John C. Slater, head of the physics department, at a meeting of Sigma Xi, honorary engineering society, to be held at 4:30 in Room 6-120 on Thursday, November 21.

The meeting will be open to the public.

## Basketball Team Holds Scrimmage With Frosh Team

### Only Two Regulars Return To Varsity But New Men Show Promise

### Great Number of Frosh Report

Tech Basketball players enjoyed their second scrimmage of the year last night when Coach Henry McCarthy sent his present first and second Varsity teams against freshman Coach Hoyt Steele's corresponding yearling teams. The first Varsity team scored rather easily against the frosh.

The team which lined up against the 1939 saw Captain Garth and Thornton at forwards, Kangas at center, with Wepplar and Danton at guards. Thornton, a regular two years ago was out of competition last year when he managed track. Kangas, a Sophomore, was pivot man on the freshman team last year. The team may also include Billy Wu, '36, and Vernon Lippett, '38, two men who played dorm basketball last year because they were transfer students ineligible for intercollegiate competition. Additional veterans on the squad are Devereau, Deyarmand, Des Jardins, and Barbarossa.

Both upper and lower class men have been practicing since the beginning of last week, when an enthusiastic group of about twelve Varsity players and thirty frosh reported. Coach Steele has such a large squad that he has not been able to select a first team yet, but will cut his squad shortly to a teachable size.

The Varsity schedule calls for games with Harvard, Massachusetts State, Tufts, Brown, New Hampshire, and Vermont. In addition to several tentative contests. The '39 schedule calls for ten games, most of which will be played away.

Censors (back stage)—"You know that scene in which those two blondes dance and crack jokes and then gradually shed their clothes?"

Burlesque producer—"Yes. What do you want to take out?"

Censors—"We want to take out the two blondes."

The University of Virginia has a late-date system for students with "double trouble". The rules are that a girl goes out with a fellow from 11 P.M. She may then bid him "good night" and stay out until 3 A.M. with her second escort.

### CLASSIFIED

Cambridge: Comfortable room, private family, separate room for study, within walking distance. Reasonable. (Richman, 291 Windsor St.)

## Freshman Tournament Opens Squash Season

Fall squash competition opened yesterday with the start of the Freshman Squash Tournament in which seventy freshmen are competing. The winners of the quarter finals will be picked for team positions. Coach Jack Summers believes that squash prospects are better now than in former years and hopes for a record season.

The varsity is promising, with the return of many of last year's members. The squad consists of Hunt, Newman, Rulon, Dupont, Stearns, Terry, Leman, Bloom, Holcombe, Schulman, Cocke, and last year's captain, Seballos.

## Receiver Design Is Subject Of Speech

At a meeting of the Radio Society, Mr. C. F. Hadlock, a representative of the National Radio Company, will speak on "Modern Receiver Design", and will demonstrate some of his company's latest developments this Friday, November 15, at 5:10 o'clock, in Room 10-275. There will be an informal supper in Walker Memorial under the West Balcony after the meeting. Preceding the regular meeting there will be a short business meeting.

There is a refreshing note in the story of a Sophomore at Birmingham-Southern College who wrote at the end of a three hour exam, "If you have actually read this far, I will buy you a drink." The paper was returned with this notation; "Very well, but I prefer to confine myself to beer."

## Tech Harriers Run In Intercollegiates

Cross-Country Team Leaves For New York Saturday To Race Monday

Led by Captain Chalmers, the Varsity Cross-Country team goes to New York to compete in the I.C.A.A.A. meet held Monday, November 18th at Van Cortlandt Park. Although the team has made poor showings in past meets, it is hoped that it will improve enough to place.

The team has been handicapped by injuries and illness during the season, but all the men making the trip to New York are in good form and stiff practice sessions have marked their training for this important meet. This time the team will go into the field fit and ready for the fast pace that will be set by the leading collegiate cross-country runners of the United States.

The team will leave Boston Saturday night and will rest up for the meet. Besides the coach and manager, seven men are making the trip: Chalmers, Cooper, Geurke, Fitch, Sabi, French, Oakes.

A criminology class at Syracuse University has discovered that morons can dance as well if not better than most people of normal mentality. They are gifted with an abnormal sense of rhythm, the students declare.

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of Tech Men"*

**TECHNOLOGY  
DINING HALLS**

**EASY WAY TO GET  
ROOM ON DANCE FLOOR**

STUDENT LIFTS ARM TO START DANCE—THROWING SWITCH ON ELECTRIC MOTOR **(A)** WHICH ELECTRICALLY CHARGES BUMPERS **(B)** AND LOWERS TWIN PORCUPINES **(C)** AS SKUNK **(D)** IS PROJECTED OUT ON END OF REVOLVING POLE. FEATHER TICKLES SKUNK AND MAKES HIM MAD THUS ASSURING PLENTY OF ROOM. P.S. IF ORCHESTRA ALSO CLEARS OUT GO FOR A WALK IN THE PARK

**...AND AN EASY WAY  
TO ENJOY A PIPE**

I SMOKE A LOT OF PIPES, BUT ONLY ONE TOBACCO — PRINCE ALBERT!

WHY P.A. TASTES SO MILD  
THAT FRIENDLY P.A. FLAVOR COMES FROM CHOICE TOBACCOES — WITH ALL THE "BITE" REMOVED. P.A. IS ESPECIALLY CUT THE CRIMP CUT WAY AND PACKED IN A BIG ECONOMY TIN

**PRINCE ALBERT**  
THE NATIONAL JOY SMOKE!

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## Freshman Hobbies To Be Open House Exhibit

Butterflies to bacteria and stamps to "frostbites" constituted the popular "Freshman Hobbies Exhibit" at Open House last year, and now plans have already been made to interest freshmen in making an even more diversified exhibit for this year.

Among the exhibits of interest last year was the photographic. In this exhibit were shown all of the steps of printing an ordinary negative. By an ingenious arrangement in full view of the spectators, the exhibitor printed, developed, and fixed pictures of the Institute which he afterwards gave away. Examples of work done by freshmen were also shown.

### Ship Models Displayed

Another interesting display was the marine exhibit. It contained ship models, large and small, small sailboats, and a display of marine navigating instruments. There was an

exhibit of airplane models some of which might well have been called the smallest in the world, since it required a magnifying glass to inspect them. A number of other models, both scale and flying, attracted much attention, because of the workmanship that they disclosed. An exhibit of radio sets contained a number of receivers and a large, powerful short-wave transmitter.

Another feature of the display was an exhibit of butterflies. A collection of stamps attracted many stamp enthusiasts. Also shown were a model of an Elizabethan theatre and a coach model, which has won for its maker an important prize in the contest sponsored by the makers of Fisher Bodies.

## Foreign Broadcasts Make Good Progress

Trans-oceanic broadcasts have made great progress due to radio engineers, states a report of the Columbia broadcasting system. Short wave broadcasts and rebroadcasts stepped into first place, numbering two such broadcasts every five days.

Mystical Cairo, hilarious Monte Carlo, and the solemn Vatican City diffused variety and color through the ether. Of all these broadcasts 25 per cent were rated fair, 21 per cent excellent, 12 per cent very good, 2 per cent poor and 1 per cent a failure. If nine out of every ten words are comprehensible, the broadcast is rated excellent.

## Sophomore Members Of Course II Form A Student Council

### Alvin Sloane Directs Project Designed As Aid For Course Students

The Department of Mechanical Engineering has instituted a program of student councils in its second-year course. Two meetings of the Sophomores have been held, under the leadership of Alvin Sloane of the departmental staff, during which the initial stages of the program have been developed. Doctor J. C. Hunnsaker, head of the department, addressed the group at its first meeting.

The basic aims of the project are to develop a more cordial and effective relationship between the staff and students, and to present a clear picture of mechanical engineering and its many branches. It is intended to impress on the students that an engineering education is composed not merely of the gathering of information but also of the development of a personality. It is hoped that the councils will cause students to realize that the latter is of as much importance after graduation as scholastic achievement.

The program includes assignment of the Sophomores to staff advisers, a series of meetings to help orient the student in mechanical engineering,

## Automotive Safety Keynote of Future

### Professor Fales Sees Tendency Toward Reductions Of Auto Fatalities

Safety is the keynote of future developments in the field of automotive engineering, according to Professor Dean A. Fales, of the Department of Mechanical Engineering, speaking before the New England section of the Society of Automotive Engineers at its meeting on November 12. Professor Fales expressed the opinion that there will be a decided effort in the next year to reduce auto fatalities by studying new means to make autos safer.

As an example of this he cited a new automatic device, by means of which a button on the dashboard controls a device for automatically jacking up the car, leaving a flat tire ready for replacement.

"To my mind tires and the carbon monoxide producing engines present two hazardous problems of major importance to be faced in attaining increased safety in motoring," said Professor Fales. When these hazards are overcome, safety in motoring will be assured.

visits to industrial plants, talks by practising engineers, and social contact with members of the departmental staff away from the classroom.

## Graduates Honor Dean For Decade's Service

Dean Harry M. Goodwin, who has just completed ten years as Dean of the Graduate School, was the guest of honor at the third Graduate House dinner held last Wednesday, November 13, in Walker Memorial.

As the subject of his address, Dean Goodwin chose to speak about his experiences, and about the life of the Indians of New Mexico. In connection with this latter subject, he projected a number of lantern slides picturing many of the natural beauties of the state of New Mexico.

Dean Goodwin related many interesting accounts of the religious and civil customs of the present-day Indians, as well as of their prehistoric ancestors whose dwellings still remain in the rock ledges along the cliffs.

### The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts., Boston, Massachusetts

Sunday Services 10:45 a.m. and 7:30 p.m.; Sunday School 10:45 a.m.; Wednesday Evening meetings at 7:30, which include testimonies of Christian Science healing.

Reading Rooms—Free to the Public, 933 Washington St., opp. Milk St., entrance also at 24 Province St., Stater Office Bldg., Park Sq., 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.



# Camels don't get your Wind

## FAMOUS GOLFERS SAY

**CRAIG WOOD (right)**—Tommy Armour—Helen Hicks—Gene Sarazen—Bill Mehlhorn—Denny Shute—Willie Macfarlane!

Their names sound a roll call of tense moments that have made golfing history, when prime "condition" and healthy nerves were at a premium. All are outspoken in their preference for Camels.

"Camels are so smooth and mild they never affect my wind," says Craig Wood, pictured at the right as he paused to smoke a Camel. Willie Macfarlane adds: "Camels are mild. They don't get my wind." Miss Helen Hicks brings up the feminine viewpoint. "There's a delicacy of flavor in Camels that appeals to women. Camels never interfere with one's wind." And Denny Shute says: "I switched to Camels years ago. I smoke them constantly, without upsetting my nerves or disturbing my wind."

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9 p.m. E.S.T., 8 p.m. C.S.T., 9:30 p.m. M.S.T., 8:30 p.m.  
P.S.T.—over WABC-Columbia Network.



In every-day life, physical fitness plays a big part too. Life's more fun when you feel good. So mark what champions and star athletes say: Camels don't get their wind and don't ruffle their nerves. That's real mildness. Try Camels yourself, and share in the enjoyment of Camel's mellow flavor that means so much to others.

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## Debating

(Continued from Page 1)

broad to cope with the specific problems in the field of commerce and industry which have arisen.

Edward J. Duggan of Harvard brought forth historical incidents in which he maintained that Congress had overstepped the authority granted it by the Constitution and Bill of Rights, and stated that under passage of the proposed amendment "American institutions would be destroyed." He proposed instead another amendment which would include many specific regulations for the control of industry and commerce.

James J. Fuld in the closing speech for the negative extended the idea of the alternative amendment and maintained that, under the first proposed plan, Congress would be swayed by business in the legislation it enacted.

## Technology's Arguments

Paul A. Vogel, '37, opened the argument for the affirmative by stating that "the United States is a generation behind in social and economic legislation."

His speech of rebuttal brought forth the fact that the amendment suggested by the negative side would be very much delayed in passage, and stated that the amendment as originally proposed covered all the points to be included in the alternative suggested by the negative side.

Robert Treat and Edouard Bossange brought forth the facts that the states have failed to regulate industry, and Bossange stated that in spite of want "there is a potential plenty in the United States." His contention was that through Congressional regulation this situation could be corrected.

Following discussion from the floor the decision favoring Technology was given by the judges, who were Brother Jean, C.F.X., Mr. H. R. Saftel, and Mr. J. E. Gibson. Dean Vannevar Bush acted as chairman.

## Tech Union

(Continued from Page 1)

cepted. One proposal, that of forming a Statistical Bureau, was put into effect since this new bureau would collect statistics concerning the minerals in the United States and the effect of trade laws and agreements upon them. Another proposal, to set up a Bureau of Mapping, was also accepted and executed. The work had formerly been spread between fifteen divisions and included many unnecessary and expensive duplications.

The Board suggested the topographical mapping the United States as a government relief project since the United States is one of the few countries that is not completely mapped. This suggestion was not used, however, since the average wage that would have to be paid for that type of labor was higher than the quota for the work would permit.

## Investigated Minerals

The work of the board, according to Compton, was not all of an advisory nature. The committee investigated the minerals near Boulder Dam and studied the probable effects of the dam on their usefulness. The effect was estimated to be much less than it was at first hoped.

At present there is an investigating committee considering the probability of building a safe dirigible, Dr. Compton said. This committee has succeeded in solving a very important stress situation that is thought to be the key that will prevent the repetition of the disaster of the Akron and the Macon, and it has hopes that more ships will be built.

## Sigma Xi

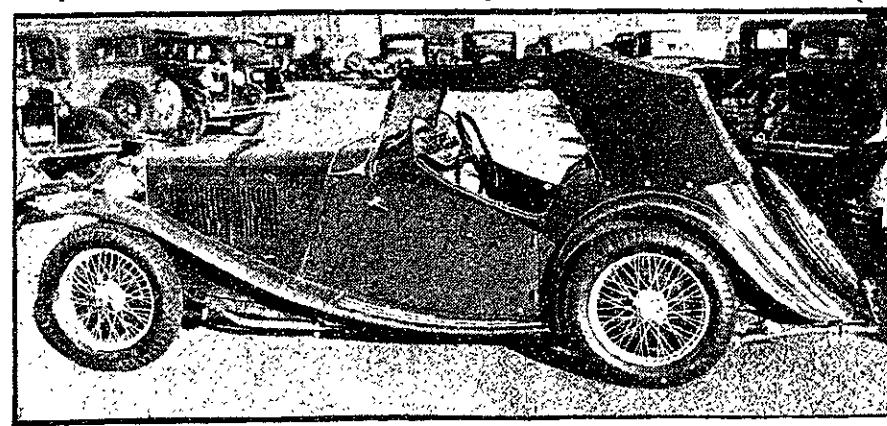
(Continued from Page 1)

Tea, Professor John C. Slater, head of the Department of Physics, will give a talk on "Present Physics and Future Engineering."

An invitation to attend this meeting is extended by the society to all the new members of the staff and all of the graduate students who are members of the Society from other institutions.

If any of these persons should desire to join the M.I.T. branch of the Society, they may communicate with the Secretary, Professor Walter C. Voss, Room 5-229.

## Tiny Auto



Staff Photo

The tiny "M. G." diminutive auto, owned by George O. Schneller, '39, who has driven it up to 97 miles per hour and in six different countries.

## Tech Student's Liliputian Vehicle Has Been Driven In Six Countries

## THE TECH

## Inquires

*This column endeavors to solicit student opinion on questions of timely interest. Persons are chosen at random and interviewed by a reporter. Questions for this column may be submitted by readers. Open Forum comment on any question or the answers thereto will be welcomed.*

*Question for this week: "It has been occasionally claimed that the Institute provides too much scientific instruction and not enough cultural. Do you think that the average Technology student obtains a cultural education of any value?"*

John M. Gallagher, '37, VIII, 1002 Boylston St., Newton Highlands. "The Technology student certainly does not get too much scientific instruction, but neither does he get enough cultural. It would perhaps be worth-while to sacrifice some of the time given to technical subjects in order to obtain more cultural studies."

Margaret Whitcomb, '39, VIII, 7 Temple St., Cambridge.

"The average Technology student is not interested in a cultural education and therefore does not obtain one.

A cultural education can be more easily obtained than a scientific one, and therefore the cultural education of the student depends mainly on whether he wants one and not on the failings of the school."

Myer Glott, '37, V, 15 Humphrey St., Swampscott.

"No, the average Technology student does not get a cultural education of any value. Technology graduates are merely well lubricated machines with enamel left off."

Fred Wasserman, '37, VII, 126 Manet Rd., Newton.

"Of course he does. It is only those comparatively few "brown-baggers" who do not get the culture that the Institute offers."

Morton Schultz, '39, VI, 30 Essex St., Cambridge.

"Yes, I think the average student obtains a cultural education through his English courses. He has to take English, and, even though he may sleep in the classes, some of the basic culture must seep in."

Walter S. Wojtczak, '37, I, 484 Beacon St., Boston.

"I do not believe that the average Technology student obtains a cultural education of any value, but this casts no reflections on the Institute's curriculum. The student has ample opportunity and the amount of cultural education he gets depends wholly upon himself."

Joseph G. Mazur, '39, VI-A, 407 Benis St.

"No, not unless he goes out for some of the extra-curricula activities. The English courses may be attempts to culturally educate a student, but they are not adequate."

## A.A.A.S. Meeting

(Continued from Page 1)

President of the American Physical Society, R. W. Wood, and by Arthur H. Compton on "Recent Developments in Cosmic Rays".

Vannevar Bush will deliver the Josiah Willard Gibbs Lecture on "Mechanical Analysis". Last year, the Gibbs lecturer was Professor Albert Einstein of Princeton. Members of the affiliated societies of the A.A.A.S. are given the privilege of joining the Association at this meeting without payment of the usual fee.

## Commuters Dance

(Continued from Page 1)

Wednesday, November 27, from 9 until 2 o'clock. Members of the club and their dates will be admitted free; the price to all others is \$1.00. Ken Reeves and his orchestra which played at many functions last year will provide the melodies.

The outstanding feature of the evening will be the free donation of a live turkey to some lucky couple. According to Chairman Richard Denton, the turkey will make his own choice of the most attractive girl, who is then awarded the gobbler. Tickets may be obtained from officers of the Commuters Club.

## Graduate Tea

(Continued from Page 1)

Residents of the Graduate House who desire to have particular members of the Faculty invited to any of the subsequent teas are requested to see John Sterner or Dr. Avery A. Ashdown in the House.

## AGAIN THIS YEAR



Dance-music favorites in Boston's favorite place to dance . . . the

## STATLER

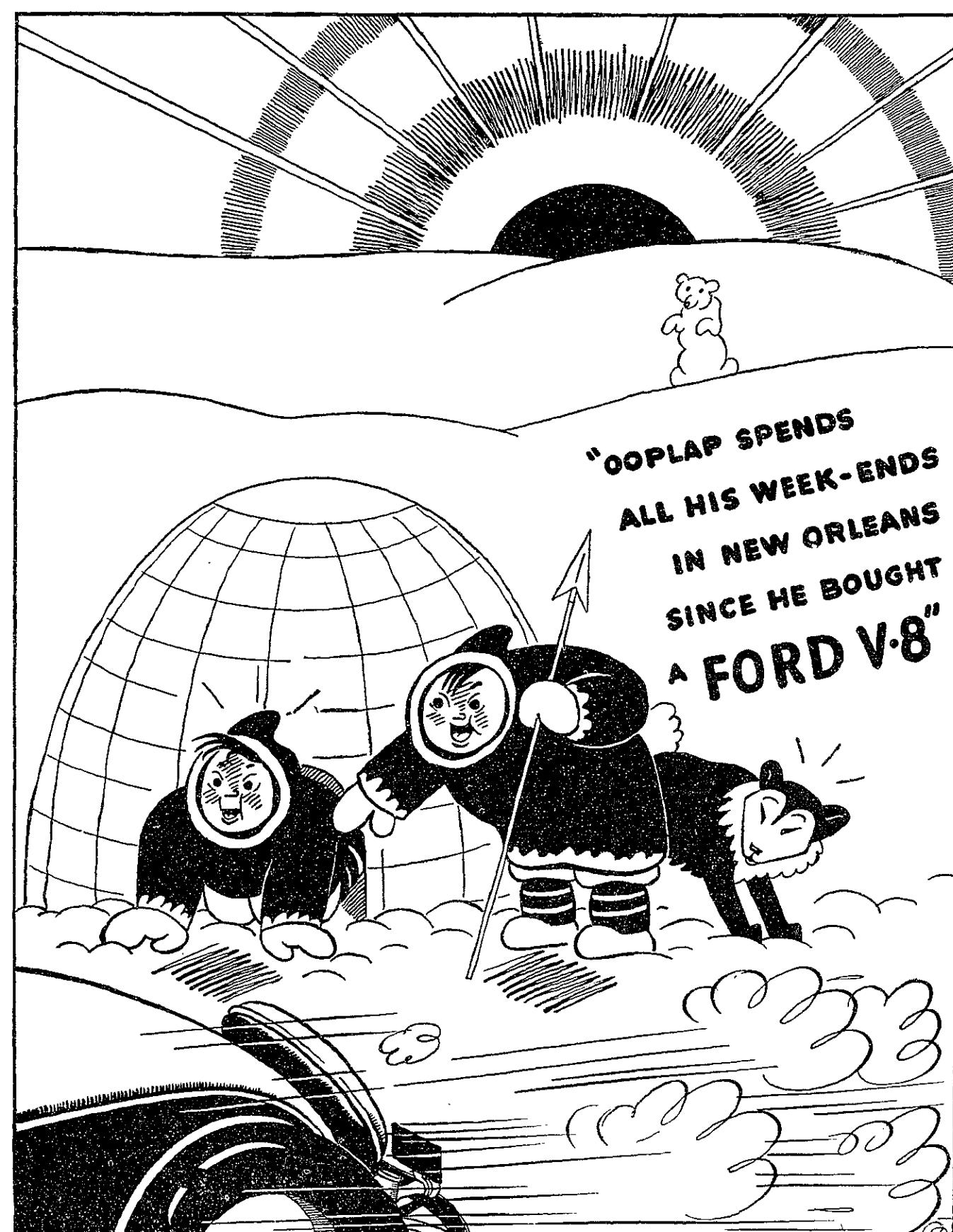
DINNER DANCING

in the DINING ROOM

SUPPER DANCING

in the SALLE MODERNE

Every Night Except Sunday



## CALENDAR

Friday, November 15

2:30. Child Study Group, Grill Room, Walker Memorial.  
 3:30. Tech Matrons Reception and Tea, North Hall, Faculty Dining Room, and Grill Room, Walker Memorial.  
 6:30. Association of General Contractors, Dinner, Silver Room, Walker Memorial.

9:00. Tech Boat Club Dance, Main Hall, Walker Memorial.

Saturday, November 16

2:00. Third Fall Handicap Track Meet, Tech Field.  
 2:00. Soccer vs. Harvard at Harvard.  
 7:00. The Tech Banquet, The Old Hayward, Hayward Place, Boston.

Monday, November 18

2:30. I.C.A.A.A.A. Cross-Country Meet, New York City.  
 9:00. Intercollegiate Avukah Dance, Main Hall, Walker Memorial.

## Intercollegiates

Twenty Mount Holyoke College freshmen will be allowed to take only two courses this year under the rules set down for a unique education experiment there.

## Walton Lunch Co.

Morning, Noon and Night  
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## Junior Prom

(Continued from Page 1)

Beaver Key Society:—David S. McClellan; Robert H. Thorsen; Jack M. Simpson, Jr.; G. Richard Young; George B. Wemple; J. Robert Ferguson; Jarvis G. Webb; Robert Y. Jordan.

Alternates:—James A. Newman; William J. McCune.

Senior Dance Committee:—Scott C. Rethorst, Chairman; Willis W. Garth; Robert S. Gillette; Robert E. Warden; Richard DeWolfe.

A total of 213 votes were cast in each of the Junior Class elections; thirty-six Beaver Key Society and twelve Junior Prom votes were discarded as incorrectly marked.



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## THE LOUNGER

(Continued from Page 2)

scent a property as candlelight, but Tech engineers find it easily possible to electrify even Siegfried Geyer. So there won't be a single candle in the production of "Candlelight".

## Prospects

Interesting situations are beginning to develop. For example we were discussing the chances of taking pictures at the rehearsals with one of the more conversationally inclined feminine members of the cast. "Come over to the rehearsal Sunday night when I have my dress on", she requested. We intend to be present at any other rehearsals but Sunday's.

## Super Scene Stealer

The Rogers' cat also has very definite ideas on the production of amateur theatricals. At one of the rehearsals the feline (it's a him we deduce, from the info that she won't go near the staff members, co-eds and all) mounted to the stage, thereby attracting all attention from the characters to himself. After a few minutes of feline prowling, he scooted (or is it scattered) under a chair as the prince commenced his scheduled berating of his valet. The cat poked his nose out, the prince spoke, and the cat pulled his (the feline's) nose back under the chair again. While it has been suggested that the cat be made a member of the cast, we doubt that First Nighters will enjoy the promenading of a four footed animal in the apartment of a Prince.

## Publicity

There is a fellow down the hall in the dorms who seems to want to see his name in print. O. K. Red Black, are you satisfied now?

## Owen

(Continued from Page 1)

having a total approximate tonnage of four hundred thousand tons, at designated positions in the Mediterranean. At Gibralter are the battle-cruisers "Hood" and "Reknown"; off Palestine are four cruisers, four submarines, nine destroyers, and one flotilla-leader; and at Malta, Suez, in the Red Sea, other sea-fighters."

"It is noticed that although the British navy has a great preponderance in heavy fighting ships, these man-of-wars are not being rushed to the front. Instead cruisers and destroyers are doing the necessary scouting. In the event of war England will probably institute a blockade at Gibralter, Alexandria, and other necessary points. On the other hand, II Duce's destroyers and submarines, which outnumber Britain's, would be brought into action."

## Colloquium Topic To Be Power Rectifiers

H. D. Brown of G. E., Will Lead The Discussion To Be Held Next Week

H. D. Brown, of the General Electric Company, will lead a discussion on "Recent Developments in Power Rectifiers" next Monday and Tuesday, from 2 till 4 o'clock in Room 10-275.

Power rectifiers have become increasingly important as a means of converting alternating current to direct current. The speaker will discuss the historical development of metal tank rectifiers and compare them with the synchronous converter and the motor generator set.

Brown, a graduate of Cornell University, has spent ten years as an engineer in the Consulting Engineering Department of the General Electric Company, and during the past eight years has been in charge of the Power Rectifier Department.

## Boat Club Dance

(Continued from Page 1)

Al Berkinshaw, who sings with Ranny Weeks and his orchestra and also over station WBZ, will vocalize.

A nautical atmosphere will prevail among the gay maritime decorations of oars, life preservers, smoke stacks, flags, a huge gang plank, and a racing shell which will adorn Walker. The commuter's room as well as the main hall will be used for the dance. Dance programs will be given to all couples when they enter.

A new innovation will be made at the dance, for all the dance numbers will be dedicated to some feature of the Boat House. That is, to the coach, to the shells, etc. Chaperons for the dance will be: Mr. and Mrs. George Owen; Prof. and Mrs. Leicester Hamilton; Mr. Ralph Jope; Reverend and Mrs. Wm. Lumpkin; Mr. A. A. Lawrence; and Mr. and Mrs. Warren Narcros.

## —Armour Tech News

It was the first glove fight of the season, and from the center of a swirling crowd of freshmen came the voice of a Sophomore caught with his glove, upraised in hopeful supplication.

"Thirty-eight," he shouted, and on a rising inflection "Thirty-eight". But there came no answering call, no hurry of rescuing feet, and his voice was tinged with indignation as he shrieked his last appeal.

"Thirty-eight, God damn it."

Armour Tech News.

Of course, I'm just  
 getting them in case  
 the boys should call—

