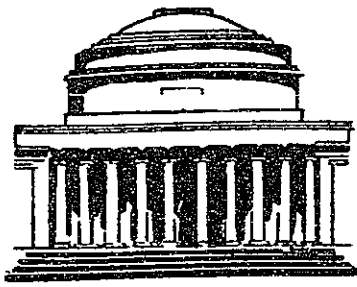


# The Tech



MASS. INST. OF TECHNOLOGY  
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Volume LVIII, No. 45

CAMBRIDGE, MASS., FRIDAY, NOVEMBER 18, 1938

Price Five Cents

## 250 Bids Sold to 5:15 Club's Harvest Dance

### Half-Hour Jam Session To Be Major Novelty Of Evening

#### RED NORVO WILL PLAY

Two hundred and fifty tickets to the 5:15 Club's Harvest Hop have already been sold, the dance committee announced last night.

The dance, to be held next Wednesday evening in the Main Hall of Walker Memorial, will have as one of its major novelties a half-hour jam session, with Red Norvo at the xylophone and Mildred Bailey doing the vocal choruses.

Red Norvo and Mildred Bailey, the "Mr. and Mrs. of Swing", will provide the music for the evening. Red is one of the country's leading xylophonists and Miss Bailey is widely known as the "Rocking-Chair Lady" of the radio. She appeared as a guest star on Benny Goodman's radio program last Tuesday night, singing with the quartet.

#### Date Bureau Established

Members of the dance committee will secure dates from Wellesley, Simmons, or Jackson for those who wish them. Requests for dates must be made before the end of this week.

A partial list of chaperones, announced last night by Chairman Ralph

(Continued on Page 4)  
Norvo-Bailey

## Boat Club Dance To Display Color Motion Pictures

### Unusual Decorations Will Be One Of Main Attractions At Fall Dance

Color movies of the Fraternity crew races this fall, and the intercollegiate regatta will be a feature of the Boat Club Dance tonight. The hall of Walker Memorial will be decorated with a set of nautical signal flags, a shell, and several sets of oars.

Couples will dance to the music of Leon Mayer and his orchestra. Mayer's orchestra is quite familiar to Technology students, as he has played at several other dances. Mr. Mayer is one of the best-known orchestra leaders in New England, and with his vocalist, he is sure to give the boys a good show.

The dance, which is to be "cabaret style", will last from 10 to 2. Dress will be formal.

The unusual decorations used by the Boat Club are a veritable custom, and form one of the big attractions of the evening.

The chaperones of the evening are to be: Mr. and Mrs. Jope, Mr. and Mrs. Ford, Professor and Mrs. Owen, Professor and Mrs. Jack, Mr. and Mrs. Ross, and Mr. and Mrs. Valentine.

## School Children To See Movies In 6-120 Today

Under the auspices of Friendship Tours, Inc., and in conjunction with the Greater Boston Federation of Churches, about 350 high school boys and girls will make an inspection of the Institute today. Arriving this morning, the group will make an extensive tour of the buildings and will dine in Walker.

Movies on a scientific theme will be shown in Room 6-120. This group will be one of the largest visiting groups that the Institute has ever seen.

## Radio Station Requests Scripts From Tech Men

Students and Dramatic groups at M.I.T. are invited to submit original scripts to Miss Katherine Batchelder, program director at WCOP, for approval and possible use on the "College Radio Workshop"—actual broadcasts written, produced, and acted by college students—to be heard over WCOP beginning Friday, December 2, between 3 and 4 P.M.

Scripts for the WCOP programs should be for not more than 30 minutes, and should reach Miss Batchelder at WCOP, Copley Plaza Hotel, as soon as possible.

An interesting feature of the WCOP series will be the interviewing on each program of the author or authors, of scripts used.

## Dramashop Gives "Outward Bound" Friday, Saturday

### Play Written By Sutton Vane Will Be Presented At 8:30 In 2-190

"Outward Bound", a three act mystery by Sutton Vane, will be produced by the Dramashop this weekend, Friday and Saturday, November 18 and 19 in Room 2-190.

Up to this year, the Dramashop produced its plays in the Commons Room of the old Rogers Building in Boston.

In the climax of the first act of this play, one character discovers why he had a vague but perplexing feeling that this ship he has boarded is not an ordinary one. All the passengers are outward bound, but they are uncertain of their destination. As the play progresses, we find that the truth about the boat puts them in a dilemma which the audience would find intensely interesting.

Sutton Vane has taken a phase of life that everyone in the world has thought about at one time or another, and has dramatized it into a play that was described as the most provocative of its season.

In the cast are Albert Rugo, '39, Margaret Whitcomb, '39, Richard Erickson, '40, Chester Roos, '39, Frances Emery, '39, Kingsbury Jackson, '40, Frances Blackwood, '37, Raymond O'Connell, '41, and George Moore, '39.

Tickets may be purchased at the door, in the Main Lobby, and from Dramashop members. The admission price is twenty-five cents and the curtain rises at 8:30 P.M.

## M.I.T.A.A. Is One of Few Student-run College Athletic Associations in Country

Almost exclusively student managed, the M.I.T.A.A. is different from practically all other college athletic associations. Its only supervision from alumni is provided by the Advisory Council on Athletics, which itself includes three undergraduate members as well as five alumni members.

Both organizations have long been established at Technology. The Advisory Council, when founded in 1898, brought some order to the chaos which had characterized Institute athletics up to that time. In the days before the establishment of the Council, money for traveling, equipment, and other expenses had often to be raised by canvassing among the student body. In addition, teams were never permanent. If interest in a sport lagged slightly, the sport would be dropped, perhaps only to be resumed a year or two later.

#### Briggs Started Advisory Council

This situation prompted Major Frank H. Briggs, '81, to devise some

## ISSUES

Last night's Institute Committee meeting uncovered to the public a proposal which, as far as can be determined, is completely new to Technology,—that of a temperance organization.

"The Intercollegiate Temperance League", as the new movement calls itself, is apparently bent on reforming college men from their drinking habits. Now this is truly a noble idea, but from the circumstances surrounding the proposal, its sincerity is doubtful.

The proposal was made by the Advertising Manager of Voo Doo. He was backed up in the discussion by the General Manager of Voo Doo. The last issue of Voo Doo carried a strong editorial denouncing collegiate drinking. And further, one of the two Voo Doo men supporting the proposal, is a member of a campus honorary drinking fraternity, the other noted for his feat of putting down 28 beers in one evening.

There is little doubt that in view of the above facts the scheme is a joke of some sort. It appears to be a publicity stunt on the part of Voo Doo. Apparently the majority of the Institute Committee saw the plan in its true light and rightfully rejected it.

There are definite places for such jokes, one of them the editorial column of Voo Doo. But the Institute Committee is not the place to practice such impractical pranks. The Institute Committee has always been a serious and conscientious law-making body, and has the respect of the entire student body.

Voo Doo and its General Manager should be roundly reprimanded for attempting to turn Technology's student government into a butt for practical jokes.

## The Tech Inquires

Question: *Do you think there should be more electives offered in our courses?*

Stan Hurley, VII, '40, Commuter

Definitely. A much broader collection of studies which are of interest to the individual student would be a great development. For the money spent, a student should be allowed to choose his own subjects of interest. Then everyone would be a great deal happier and that is the way it should be, isn't it?

W. P. Ready, XIX, '40, Fraternity

Yes, I believe there should be. Students would take courses they are genuinely interested in and get more out of them. The drudgery of Calculus,

(Continued on Page 4)

Tech Inquires

## Inst. Comm. Hears Move To Establish Temperance League

### Sophomore Hop Poster Prize Won By Graduate

A graduate, and not a Sophomore, won the Sophomore Dance poster competition, it was announced last night by Arnold Mengel, '41, chairman of the Publicity Committee. Mr. Kendall Overture's poster was judged to be the best submitted of about six drawings. For his work, Mr. Overture won the prize of \$5.00 offered by the Committee last month.

The poster, which may be seen at many points around the Institute, shows a dancing couple "swinging it."

## Gridiron Society Sponsors Picnic At Mansion House

### Members Of All Publications Invited To Participate In Outing

Following the recent trend toward picnics as a substitute for the run-of-the-mill beer party, Gridiron, honorary publications society, will sponsor an outing for all the members of the Institute publications tomorrow, at the Mansion House at Cedar Hill in Waltham, Mass., from 3:30 P.M. to 6:30 P.M.

Athletic competitions, both indoor and outdoor, have been planned for the two hundred men who are expected to be the minimum number to attend. Cider, doughnuts, beer, and sandwiches will be served to the group.

Cedar Hill has thrown open its world famous maze to the Tech stu-

(Continued on page 3)

Gridiron

## Radio Activity Featured By M.I.T. Chem. Society

A dramatic lecture-demonstration on the subject of "Electronics" by Professor R. D. Evans featured the meeting of the M.I.T. Chemical Society, held Wednesday evening in Room 2-390. More than one hundred members of the Society and their guests from the Ellen Richards Club of Simmons College attended.

Professor Evans gave spectacular table demonstrations of the action within radioactive molecules. One exhibit was a large ball representing a molecule which ejected a ping-pong ball (representing a Gamma Ray) with such speed that it sailed a great distance into the audience. Upon opening the large ball, 84 marbles (representing the protons and the electrons) spilled out.

Slides were shown which depicted the application of Gamma Rays to medicine, especially the treatment of Cancer. These rays are produced by both radioactive substances and high voltage X-ray machines.

Further slides showed that too much radiation can be distinctly injurious, resulting in the wasting away of the patient's skeleton.

Refreshments were served after the meeting in the Moore Room. The Society announces that it will sponsor a trip to the New England Candy Company factory at 2 P.M. on November 30.

## Pulver's Proposal To Commit Denied

### Vandalism On Field Day To Be Investigated By '41 And '42

Technology almost had a temperance league last night when William Pulver, '39, proposed that the Institute Committee commit a constitution, which would set up a Technology chapter of the "Intercollegiate Temperance League," to the Constitution Committee for approval. The proposal, made at the regular meeting of the Institute Committee last night, was defeated.

Pulver's suggestion came toward the end of the meeting. The Advertising Manager of Voo Doo began his proposal with a reference to the many activities which have sought recognition by the Institute Committee through submitting constitutions for approval. In a quiet, deadly serious voice he then stated his sincere desire to have approved by the Constitution Committee the constitution of the Technology chapter of a certain organ-

(Continued on Page 4)

Inst. Comm.

## '41 Dance Stars Queen Selection

### Airline Personnel Managers Or Artists Will Make Choice Of Girl

As the clock strikes midnight on the evening of December 2, the "Queen of the Sophomore Dance" will be crowned. She will be chosen either by two airline personnel managers or by two artists who will mingle among the guests during the evening in the hope of finding a girl who comes up to their standard.

Announcement of the name of the winner and the presentation of the crown will be made by Charlie Barnett, leader of the orchestra which is to play at the dance, and by John Murdock, President of the Class of 1941.

The lucky girl who is chosen will receive the publicity which is her due, since reporters and photographers from the various local papers will be present.

## John E. Burchard Gives Prefabrication Lecture

In the second of his five lectures on Prefabrication, John E. Burchard, head of the Albert Farwell Bemis Foundation, outlined the "Various Theories of Prefabrication." Step by step, he showed how various firms prefabricate only the structural components of the buildings, while others make only the walls, and only a few combine the entire unit into a prefabricated whole.

The next lecture in the series, which is being given in Room 1-390 at 1 P.M. is being held today and deals with "Materials and the Prefabricator." Next Monday the lecture will be on "The Analysis of Proposals of Existing Prefabricators." The last, on Wednesday, will be about the "Difficulties in the Way of Successful Prefabrication."

(Continued on Page 4)

A. A. Feature

# The Tech

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 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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## GENERAL MOTORS

### DRIVE FOR AMERICANISM

The recent plan initiated by the General Motors Company to give a large number of their employees the security of an annual rather than an hourly wage represents some of the most sound and far sighted thinking of many years. Such a plan as this, had it originated several years ago might have saved a great amount of grief that the country has faced in the last six or eight years, and now that it is actually here, we hope and pray that it will spread through the ranks of employers and undo some of our difficulties.

Under this plan, we should have not only a secure and busy laboring group, but one which understands the principle of our capitalistic state, which revolves around the knowledge that what helps a company helps the employees. For a long time we have had a silly war between employers and employees since they were obsessed with the idea that their interests were opposed.

If the business men can show that they are clear-headed enough to undertake the burden of the security of their workmen, there is no doubt that the labor organizations will show that they can be responsible for their members. This may not be the golden plan that will solve all the evils of the world, but it should go a long way toward creating a happier nation.

## WILL WE HEAR

ARTHUR H. COMPTON

Since the beginning of the school year, the Combined Professional Societies has been trying to get itself organized so it can function as it is intended to rather than as it has in the past. The main difficulty has been that of finances as the controllers of the purse strings don't seem to see the need of large programs built around important speakers.

The work that the Lowell Institute is doing in operating free lectures for anyone in Boston demonstrates what can be done, as well as what should be done. Their series of lectures which starts next Tuesday in the Boston Public Library should be of interest to a great many Technology students, not merely from the point of studying the "Structure of the Physical World", but from the philosophical ideas that Arthur H. Compton will undoubtedly express or at least illustrate.

Although the Combined Professional Societies may yet get in on this lecture series and have Arthur Compton come here to speak, it is unfortunate that they have to play sec-

ond fiddle and cannot take the initiative necessary to bring other men to Boston and to the Institute. There is no doubt that they would use any money for the benefit of a large number of students, so although the Institute Committee cannot afford the project, there is good reason to hope that they might get some direct subsidy from the Institute.

There are a number of programs that may be worked out without the necessity of cash on hand, but they do not compare in the least with what could be done with proper finances.

## ANSWER

### THE ROLL CALL

With the effects of the disastrous hurricane still vivid in our minds, the annual appeal of the American Red Cross for funds serves to emphasize the necessity for their work which reaches to every corner and every class in America. In time of disaster, no red tape binds the human services that this organization renders to a besieged people, no bars of distinction limit their aid.

You who support this worthy project do a service not only to remote persons, but also to yourself. Thousands of students have found invaluable the first aid stations maintained by the Red Cross in skiing, hiking, and other outdoor sports areas. More thousands owe their lives to the nationwide life saving schools maintained by this group.

The TECH strongly urges its readers to express their faith and confidence in the organization which, since 1881 has been a friend to the friendless, has brought a home to the homeless, that has fed the starving, and has brought aid and comfort to countless millions of our people.

## LETTERS TO THE EDITOR

To the Editor:

Dr. Compton has asked me to represent Technology in the current Red Cross roll call. Probably most of us believe in the work of the Red Cross and are glad to pay the nominal one dollar membership fee. If any student, employee or member of the staff has not subscribed elsewhere, I would appreciate it if the membership fee with name and address of subscriber can be left at my office, Room 8-209. Membership card and window sticker will be sent in return.

CABLE R. HAYWARD

## SCIENCE IN BRIEF

By ARTHUR M. YORK, '38

### X-Rays and Living Matter

Just what cathode-rays and x-rays do to living tissue is being studied at the Massachusetts Institute of Technology. In order to make the investigations as simple as possible, spores of certain fungi are used because they are simple, spherical, one-celled organisms, each with a single, centrally-placed nucleus. Samples of the spores are placed on small glass slides and treated with a controlled amount of cathode-rays. Later the slides are examined under a microscope and compared with untreated slides. Most pronounced is the "killing" effect of the rays as detected when the treated spores are observed not to grow and reproduce when given sufficient opportunity to do so. A few cases were observed in which the rays produced mutations, leaving spores of different color and odor from the normal. These mutant strains appeared to be stable and their properties were hereditarily transmissible. Finally, it was observed that a low dosage of the cathode-rays seemed to stimulate the growth of some of the spores, a phenomenon which cannot be explained at this stage of the experimentation. (1)

### Prenatal Mentality

It is claimed that even unborn babies have the mental ability both to learn and to forget. Experiments upon the conditioned reflexes of babies two months before birth have been carried out with the aid of x-ray apparatus, and movements of the limbs and head recorded. (2)

### Lunar Complexion

The face of the moon does not always look exactly the same but is continually changing in shade of color in certain regions. Observers of the changes have offered a number of possible explanations for the phenomenon including low forms of vegetation, hoar frost, and the effects of the heat from the sun. (3)

For more complete discussion of the above items, consult recent periodicals as follows: (1) Journal of Applied Physics, Sept., 1938, p. 553; (2) Science News Letter, Oct. 15, 1938; (3) Nature, Oct. 1, 1938, p. 622.



Tech boys are not particularly notorious for cooking up screwy stuff, but two members of the class of '41 really pulled a corker the other nite. It seems that a couple of trim numbers they knew at mt. Holyoke were up for the weekend on some pretense or other, and they were going out formal with the boys Sat. nite. To start at the beginning . . . after seeing "suez" (on a couple of passes), the gentlemen were intrigued with all the extras tearing around in swami clothes . . . so . . . they thought it would be a good thing to emulate the idea. Straightaway they tore to a costumers and rented a couple of turbans, bought some make up, and enlisted two members of the Dramashop to fix them up. Beards and brown coloration were deftly applied, and before you could quote all of N. H. Frank, the boys were swamis, complete with medals and a red ribbon across their manly chests. Taxes donned, and a reservation at the Statler sewed up, they despatched themselves to Arlington (where THEY were staying) The poor little girls were slightly surprized at the appearance of their escorts (you see, they didn't know Anything about it beforehand), but with the glib tongue common to all Tech men were seduced into going to the Statler.

The attendants and other loafers at the Statler were, to say the least, astounded by the appearance of two swamis in their midst, but took care of the boys with all due deference to their rank. Dinner was consumed amid the stares of hundreds, and in spite of the beards and imminent cost, was eaten without a hitch.

To save the trouble of continually speaking in a difficult accent, the boys resorted to note-passing, and the girls passed back (the notes, of course). One of the masterpieces, a veritable literary gem, that the girls wrote is as follows: "Boy, is this going to cost you plenty." It did.

During the course of the evening two stalwart representatives of the Harvard Crimson appeared and wanted an interview with the Gentlemen, but were rebuffed with Cold Stares. Even after they showed their press cards and offered to bring a photographer. So the evening was quite a success.

## Reviews and Previews

**OPERA HOUSE**—A ten day engagement of the San Carlo Opera Company opened last night with performances of Carmen. Tonight brings "Rigoletto", Saturday afternoon "Madame Butterfly", and Saturday evening "Aida". A matinee performance of "La Tosca" is billed for Sunday. Next week the following programs will be given: "Cavalleria Rusticana" and "Pagliacci", "Faust", "Hansel and Gretel", "La Traviata", "Madame Butterfly", "Carmen", and "Il Trovatore". "Hansel and Gretel" will be performed on Thanksgiving afternoon, will be sung in English.

**COPLEY**—Marlowe's *Faustus* opens here Tuesday, produced by the Federal Theatre Project.

**DRAMASHOP**—Opening tonight and continuing tomorrow night at 8:30 P.M., *Outward Bound*, annual fall semester production of the Institute thespians.

**FINE ARTS**—*Amphitryon*, new French film with English sub-titles, stars Henri Garat. It will continue until Wednesday, when Danielle Darrieux in *Club de Femmes*, will take over.

**METROPOLITAN**—Errol Flynn and Bette Davis in *The Sisters* opened here last night. The co-feature to this adaptation to Myron Brinig's novel is *Gangster's Boy*, with Jackie Cooper.

**PARAMOUNT AND FENWAY**—The new program here is *Hard to Get*, with Dick Powell and Olivia DeHavilland, and *Illegal Traffic*.

**KEITH MEMORIAL**—The latest program includes *In Society*, with the Little Tough Guys, Mischa Auer, and Mary Boland. The companion film is *Annabel Takes a Tour*, featuring Jack Oakie and Lucille Ball.

(Continued on page 3)  
 Reviews

## 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,  
 333 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston Street, Berkeley Building, 2nd Floor, 60 Norway St., cur. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.



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## Tech Loses to Army Booters

### West Pointers Win 4 To 1 Army Goalie Plays Excellently

The Tech booters continued to confuse their followers by taking a 4-1 defeat at the hands of Army last Wednesday afternoon at West Point.

After the narrow game with Harvard the week before the Tech team was conceded to have a good chance to defeat Army who suffered a 3-0 loss in the hands of Harvard. But as usual the usual thing didn't happen. However, the defeat was not indicated by the score.

#### Even Fight Most of Game

Tech and Army fought evenly throughout most of the game but the Cadets capitalized on their opportunities. The game was marked by a sparkling performance on the part of the Army goalie who has been mentioned for All-American. Continually Tech thrusts at the goal were saved by miraculous stops on his part.

#### Condas Scores for Tech

Condas, who was playing left outside for Tech, scored the only goal for the Cardinal and Grey after the line had set the ball up for score.

During the game Regaldo, Kirman, Laker, and Herguth continually kept the ball firing at the Army goalie only to be foiled by his skill.

#### Team Meets Tufts on Saturday

This Saturday afternoon the Tech teams engage their traditional Boston rivals when they travel to Medford to take on the strong Tufts squad.

#### THE STARTING LINUP IN THE ARMY GAME

Mitchell	Goalie
Hyden	Right Fullback
Sosa	Left Fullback
Foster	Right Halfback
Regaldo	Center Halfback
Saunders	Left Halfback
Wu	Right Outside
Kirman	Right Inside
Laker	Center Forward
Herguth	Left Inside
Condas	Left Outside

## English Champion Gives Exhibition Of Squash Skill

### Miss Lumb Plays National Singles Champion And M.I.T. Coach

Squash enthusiasts of M.I.T. were treated to an unusual display of corner shots and remarkable court coverage by Margot Lumb, English squash rackets champion, who played two exhibition matches on the Institute courts yesterday afternoon, beginning at five o'clock.

#### Miss Lumb Edged by Summers

First defeating Eleanor Sears, Massachusetts state singles title holder and former national champion, 3-1. Miss Lumb opposed Jack Summers, coach of the Tech squash team and outstanding singles player in the country, in a hard-fought battle. Summers emerged victor by the scores of 15-12, 15-13, 9-15, but the closeness of the score indicates the match was far from one-sided.

Commenting on the match and Miss Lumb's ability, Summers remarked about her excellent corner shots, "when most players were content to merely hit the ball back. She hits the ball like a man and displays unusual abilities for a woman athlete."

Miss Lumb gave a hint of what was in store for Summers in her match with Miss Sears, for she made almost impossible "gets" by her extraordinary coverage of court and won point after point with perfectly executed corner shots that brought involuntary applause from the crowd which filled the stands to observe the English champion in action.

## Oscar Picks I.C.4a. Correctly as Harriers End Year In N.Y.

Tech closed its cross country season last Monday by finishing twelfth in the 104A Meet in New York, after dropping meets to Yale and Connecticut State, and outrunning Mass. State, Northeastern and Tufts. The varsity squad: Captain Dan Crosby, '40, Stanley Backer, '41, Parks Toolin, '39, Lester Gott, '41, Jack Wallace, '41, Larry Turnock, '41, and Ed Lemanski, '40, crossed the finish of the grueling five mile course at Van Cortlandt Park, 39th, 50th, 57th, 63rd, 78th, 93rd, and 99th respectively among the best harriers in the country.

Arthur Gow, '42, came through in the shorter freshman race to take thirteenth place behind winner Leslie MacMitchell, of New York University—a fine feat of running. Both varsity and freshman teams captured seventh places in the 1938 New England Intercollegiate.

Oscar Hedlund, track and cross country coach, also came through by accurately predicting the positions of the first five teams: Manhattan, Michi-

gan State, Pittsburgh, Alfred and Penn State three days in advance of the race in the Boston Transcript.

Not only that but he gathered another page of information for his book of track statistics on which he is an expert. In a special article to the Transcript Tuesday he reviewed the more important features of the race, including the following:

"After Smith of Maine, the next best New Englander was Captain Brayton of Harvard in 21st place. Despite the Crimson leader's showing, the Big Three cross country meet result was reversed; Yale led its rivals in ninth place, with Princeton tenth and Harvard eleventh. M.I.T. scored 282 points for twelfth place."

One important fact that Oscar proved with statistics he personally collected at the meet is that the runners who take the lead at the beginning of a cross country race usually finish first. His chart which he has permitted THE TECH to print speaks for itself.

### Running Order of the Leaders at Different Stations I. C. 4 A. Varsity Cross Country Race, New York, 1938

Name	College	1st Mile	2nd Mile	3rd Mile	4th Mile	4½ Mile	Fin- ish
Smith, W. J.	Penn State	2	1	1	1	1	1
Mocclair, J. P.	Manhattan	1	2	2	2	2	2
Smith, D. C.	Maine	8	3	5	4	3	3
Frey, R. D.	Mich. State	9	5	3	3	4	4
Moriarty, L. R.	Manhattan	4	6	4	5	5	5
Elmer, M. C.	Lehigh	13	7	7	7	6	6
Stern, W.	Pitt	7	4	6	7	7	7
Conkling, R. L.	Manhattan	11	9	9	13	12	8
Fehr, R. B.	Mich. State	15	15	10	11	8	9
Keller, G. C.	Mich. State	17	14	12	12	9	10
Randell, B.	Alfred	18	13	14	8	11	11
Maule, F. E.	Penn State	3	10	8	9	10	12
Lagasse, E. G.	Alfred		21	19	15	13	13
Boulanger, A.	Pitt		23	20	19	17	14
Sheehan, G. A.	Manhattan	6	12	15	16	14	15
Furey, F. J.	Manhattan	9	11	11	17	15	16

## Swim Club Holds Meet Today At 5

### Fraternities Desiring Entry To 400 Yd. Relay May Still Try For Trophy

The Swim Club will hold finals of the "All Tech" Swimming Meet this afternoon at 5:15 in the University Club near Copley Square. The Swim Club, an honorary society for men connected with swimming at Tech, believes that this meet will be a huge success; any one of the student body interested is invited to attend.

This is the first time in several years that such a meet has been held and there has been a very large turnout among the student body for the privilege of competing in it. Any student at Tech that has not won a letter for swimming at Tech is eligible. During this week trials were held in the University Club's pool and those making the best times have been picked for the final contests to be held today.

As a featured event, there will be a 400-yard relay event in which there has already been a Freshman team and a Sophomore Team. Any Fraternity so desiring may still enter a team in this race. Other events of the meet will be a 220-yd. Freestyle, 50-yd. Freestyle, Diving, 100-yd. Breast-stroke, 100-yd. Back-stroke, and a 100-yd. Freestyle.

## Dinghy Races Will End This Weekend

### Three Handsome Cups Will Be Awarded To The Winning Teams

Formal dinghy racing will end with this weekend's regattas when the winners of the three trophies offered for fall racing will be determined. Competitive racing for the three cups has been in progress since the opening of school: the Robert W. Vose Cup for "A" division skippers, selected by an elimination series which started the competition; the William E. Nickerson Sailing Trophy for the consolation division; and the Jerome C. Smith Sailing Trophy for graduates, who are ineligible for the other divisions.

Results so far are exceptionally close in the Vose series with the three leaders all within 1.5% of each other.

Standings of the leading skippers who have or may yet qualify for consideration for the trophies are as follows: Robert W. Vose Cup: first, Jerome Coe, 77.6%; second, C. Eric Olsen, Jr., 77.1%; third, Herman H. Hanson, 76.2%; fourth, Runyon Colte, Jr., 73.2%; fifth, Delevan E. Downer, Jr., 60.2%. William E. Nickerson Sailing Trophy: first, George Watkins, 75.9%; second, Charles A. MacArthur, 67.1%; third, Frank P. Seeley, 65.6%; fourth, Thomas Crowley, 64.6%; fifth,

## Round Robin Plan For Squash Men

### First Match With Dartmouth December 3; Prospects For Team Good

Inaugurating a new method of elimination for candidates for the varsity and junior varsity squash teams, Coach Jack Summers announced that a round robin will be held in which every player on the "bumping board" would play every other player at least once during the season.

To pick the team to represent the Institute against Dartmouth December 3rd, Summers will base his judgment largely on the showings players made last year and those challenge matches which have been played up to that time. Probable candidates for the original team will be Babcock, Millar, and Thackara, all letter men from last year's varsity, while the other two positions will be filled by men from the former junior varsity or freshman teams.

From the three returning lettermen and a total of twenty men out for the team, Summers predicts a "very good team for the season, and there will be a tough fight for positions."

#### Season Schedule Announced

A complete schedule for the 1938-1939 season follows:

December 3	Dartmouth here, 2:30 p.m.
December 10	Wesleyan here, 12:00 noon.
January 7	Yale at New Haven.
January 14	Trinity here.
February 11	Amherst at Amherst, 3:30 p.m.
February 24-25	Intercollegiate at Harvard.
March 4	Wesleyan at Middletown, 3:30 p.m.
March 11	Trinity at Hartford 4:00 p.m.

A. Homer Skinner, Jr., 63.8%. Jerome C. Smith Sailing Trophy: first, Peter G. Kolupaev, 85.5%; second, Robert Heggie, 71.2%; third, Fred Merrill, 67.4%; fourth, Chester Haig, 61.2%; fifth, Max Bender, 57.1%.

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## Gridiron

(Continued from Page 1)

dents, who, if they follow the examples set for them by many who have searched for the "Angel's" and the "Devil's Seats" before, may become lost for hours in the blind alleys. The barn with its complete collection of farmyard animals is expected to prove a popular point of interest. Nature lovers will find ample opportunity for indulgence of their hobby, for the many aced tract boasts one of the most complete collections of wild flowers, plants, and trees to be found in the country.

Members of the publications will gather at 2:45 P.M. in front of Walker Memorial for transportation to Waltham.

## Reviews

(Continued from Page 1)

EXETER — Now playing, Straight, Place, and Show, and Affairs of Anabel. Starting Sunday, The Amazing Doctor Clitterhouse, and Personal Secretary.

LOEW'S STATE AND ORPHEUM — Stablemates and Listen Darling have been held over for another week.

UPTOWN—Starting today, the Marx Brothers in Room Service, and Hold That Coed.

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# CALENDAR

## FRIDAY, NOVEMBER 18

- 5:00 P.M. Beaver Club Meeting—East Lounge.
- 6:00 P.M. Musical Clubs Dinner—Silver Room.
- 8:30 P.M. Dramashop Presents "Outward Bound"—Room 2-190.
- 10:00 P.M. Boat Club Dance—Main Hall, Walker.

## SATURDAY, NOVEMBER 19

- 1:00 P.M. Chess Club Meeting—East Lounge.

## MONDAY, NOVEMBER 21

- 12:30 P.M. Colloquial Luncheon, Prof. C. E. Tucker—Silver Room.
- 5:00 P.M. Orchestra Rehearsal—East Lounge.
- 6:15 P.M. Mining Society Chowder Party—Room 8-010.
- 7:30 P.M. A. I. Ch. E. Smoker—North Hall.

## TUESDAY, NOVEMBER 22

- 4:00 P.M. Debating Society Meeting—West Lounge.
- 8:00 P.M. Alpha Phi Omega Initiation—East Lounge.

### Bouve And M.I.T. Have Concert On Saturday

The M.I.T. Glee Club will go to Bouve Saturday evening to a concert and dance sponsored by the two groups. Future concerts, in which either the Glee Club or the Orchestra will participate, include gatherings with Simmons, Radcliffe, LaSalle Junior College, Bradford Junior College, Boston University, Sargent, and a broadcast over station WEEI about the first of December.

Last night, the Glee Club and the Orchestra were guests of Baton in the 5:15 Clubroom. Cider and doughnuts were served. The Glee Club will no doubt participate in the contest at the annual festival of the New England Intercollegiate Glee Club Association this year as it has in the past. Last year the club tied with Yale for first place.

Regular rehearsals of both organizations are being held, and are open to all.

### Meeting Of A.I.M.M.E. Will Be Chowder Party

The Mining and Metallurgical Society will hold its first Chowder Party at 6:15 P.M. in Room 8-010 on Monday, November 21. The charge will be fifty cents per person. Members of the instructing staff and their families have been invited to attend.

After the Chowder Party there will be five reels of movies of the "Noranda Enterprise," a copper-gold mine located at Rouyn, Quebec and handling 6000 tons of ore per day. The movies are very complete, showing mining, sampling, milling, smelting, refining, wire and rod mills, and the actual mining town.

#### Proper Nomenclature:

And even as all good things must sometime come to an end, so terminates a physical chem session. The eager-eyed scientists, their minds reassured on the morality of molecules, stagger toward the door. Comes the voice of the lecturer . . . "Just one thing more, gentlemen . . . some of you have been referring to me as "Baldy Joe" Millard. Please, my first name may be "Baldy", but my middle name is not Joe!"

#### Lurid Literature:

A recent issue of *The Nation* tells of the advertisement of the Union Library Association, which boasts of "Lady Chatterly's Lover," by D. H. Lawrence. Unexpurgated, except for the obscene passages . . .

### Inst. Comm.

(Continued from Page 1)

ization, referred to by Mr. Pulver as the "Intercollegiate Temperance League."

Immediately upon the statement of the motion, David A. Bartlett, '39, made a vigorous protest to the chairman, William Wingard, president of the Class of 1939. Mr. Bartlett stated that in view of some of Mr. Pulver's activities it was difficult to believe that the latter's motion was anything more than a joke. Mr. Pulver, however, hastened to reassure the Committee of his good intentions, declaring that he thought the "League" could "do some good work around the Institute". Will B. Jamison, '39, and Robert C. Casselman, '39, at this point put in several supporting comments for the motion. Stuart Paige, '39, took the attitude of Bartlett in regarding the proposal lightly.

The motion to commit the constitution to the Constitution Committee for appraisal was finally defeated by a close vote.

After considerable discussion, the Committee passed the motion by Paige that the officers of the freshman and Sophomore classes investigate the circumstances surrounding the damage done to Institute property during the week of Field Day, with the idea of finding out the identity of those responsible for the damage. The motion, approved earlier by the Executive Committee of the Institute Committee, further provided that the bill for the damage be covered by the two classes jointly if the individual culprits cannot be found. The motion was later amended to defer the method of assessment until after the investigation has been completed.

The total amount of damage done, as outlined in the itemized bill read by Chairman Wingard, is \$156.94. The action taken against the two lower classes is intended to prevent recurrences of similar destructive evidences of class rivalry.

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### Chase Describes Experiences In Spanish Prison

#### Former Tech Man Also Held As Fascist Prisoner In Current Civil War

Homer Chase, recently released from a Fascist prison in Spain, described his experiences in the Spanish Civil War to about 150 students and faculty members at a meeting of the American Student Union last Tuesday in Room 4-270.

Mr. Chase, who is a graduate of the University of New Hampshire, related numerous incidents of the part played by the Abraham Lincoln Battalion in the fighting. He told of his capture by Rebel troops and of the life in several of the Fascist concentration camps.

#### Former Tech Student Captured

One of Mr. Chase's fellow prisoners was a former Technology student, Max Shufer, who helped form the "University of San Pedro". In this "university", the prisoners instructed each other in various languages and sciences.

At the conclusion of the talk a business meeting was held at which officers for the coming year were chosen. Joseph Shill, '40, is president; Bernard Carver, '40, secretary; and Richard Hutzler, '40, treasurer. Norman Klivans, '40, will be in charge of membership, and William Sussman, '40, will be delegate to the Boston Council of the A. S. U.

### A. A. Feature

(Continued from Page 1)

#### Managers Responsible

A large part of the responsibility rests with the team managers, who are elected by the executive committee of the M.I.T.A.A. The managers make all contracts, draw up budgets of anticipated revenues and expenses, and file a report on the financial transactions of each game. In these financial matters, they are subject to the supervision of the treasurer of the Association. The managers also report on the names of men who qualify for awards, and on the activities of their respective sports.

The executive committee of the M. I. T. A. A. considers all questions regarding policy and administration of the Athletic Association.

### Norvo-Bailey

(Continued from Page 1)

L. Hegner, '39, includes Professor and Mrs. Leicester F. Hamilton, Professor and Mrs. Walter G. Whitman, Major and Mrs. A. Donald Fiske, Major and Mrs. Jackson, Professor Avery A. Ashdown, and Mr. Jack Wood.

Walker Open from 10 to 3

The dance, which is formal, will last from 10 P.M. to 3 A.M., the entire Walker Memorial building being open for that time.



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### Debating Society Meets Bowdoin December 9

M.I.T. will debate again against Bowdoin in the first debate of the series sponsored by the Eastern Intercollegiate Debate League, at M.I.T. on December 9, 1938. The M.I.T. team, Samuel I. Omansky, '40, and Martin Ernst, '41 will uphold the negative side of the question; "Resolved: That the Ludlow Amendment should be adopted."

Middlebury will debate against a yet unchosen M.I.T. team on December 2 on the question, "Resolved: that England and the United States should form an alliance to maintain world peace." M.I.T. will also take the negative on this subject.

### Physical Society Holds Informal Debate Meeting

Members of the Physical Society gathered for an informal meeting Wednesday afternoon at 5 P.M. in the Moore Room of Building 6.

Undergraduates and professors formed small discussion groups, a general debate starting later over the recent news from Europe. Professor William P. Allis led the discussion, which was joined by all present, of the wisdom of President Roosevelt's recent note to Germany.

Cider and doughnuts were served to the 30 students and faculty members who attended.

#### Undergraduate Notice

The Technology Christian Association has announced that T.C.A. Drive pledges were turned over to the Bursar's office today. These pledges may be paid at any time between now and February 2.

### Tech Inquires

(Continued from Page 1)

Physics, and Mechanics is soon forgotten, while the pleasure of electives lingers on.

#### Earl Krohn, VI, '41, Commuter

There should be more electives in the third and fourth years. It is not advisable to allow electives in the first and second years.

#### John J. Piotti Jr., VI-C, '40, Commuter

Yes, to be sure I believe heartily in letting the student choose his subjects according to the dictates of his personal ambitions and abilities. I have tried to make a lifetime study of certain subjects but found that the Institute will not let me elect these courses. Thus I go through life frustrated.

#### W. B. Keene, X, '41, Fraternity

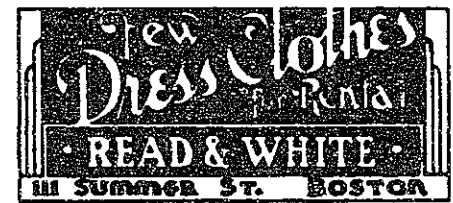
Yes, I think that there should be more electives. If a student is allowed to choose an elective he will be more interested in it than a course assigned to him and therefore he'll get more out of it.

#### Ian McLeod, XIX, '40, Commuter

No, I believe that several of the courses offered at the Institute at the present time are too general in their nature. The school is noted for specialization in the different phases of engineering and further electives would tend to destroy this.

#### Gideon Hofman, II, '42, Commuter

Yes, I think there should be because it broadens our education which is necessary for understanding other problems than just our own.



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