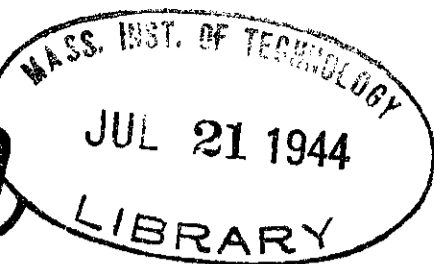


# The Tech



Vol. LXIV, No. 23

CAMBRIDGE, MASS., FRIDAY, JULY 21, 1944

PRICE FIVE CENTS

## All-Tech Smoker Plans Announced Date Is August 14

Speakers For Annual Frosh Affair Include Dr. Compton, Stevens

The Annual Freshman All-Tech smoker will be held on Monday, August 14, at 6:30 P. M., it was announced at yesterday's Institute committee meeting by King Cayce, '44, in charge of the smoker committee. All first and second term freshmen, navy as well as civilian, are invited to be guests of the Undergraduate Association for dinner and for the talks by prominent speakers after dinner. The smoker will be held in Walker's Morss Hall, which will suspend regular operations for that evening.

Dr. Karl T. Compton, President of the Institute, and Mr. Raymond Stevens, '17, President of the Technology Alumni Association and Vice-president of Arthur D. Little, Inc., will speak. Cayce also announced that arrangements are being made to obtain Edward L. Bowles, formerly Professor of Electrical Engineering at the Institute and now scientific adviser to the Secretary

(Continued on Page 4)

## 1945 Technique Due End Of August Extra Colors To Run Throughout Publication

The 1945 Technique will appear at the end of August or the beginning of September according to William Farrow, 6-45, General Manager of the Technique.

The new Technique will have a color opening section; and two colors besides black and white will be run through about twice its thickness. More pictures and less writing than previous will be featured. The paper cover, cover material and number of pages will be the same quality in this Technique as they were in last.

The subscription drive will open Monday at the fraternities and dorms, and in the Lobby of Building 10. Subscription price will be five dollars.

## School Infirmary Opens Main Floor After Remodeling

The Homberg Infirmary opened its doors on the main floor of Building 11 for the first time since they were closed approximately three and a half months before for a general remodeling of both the first and second floors.

It was expected, at first, that the work would be finished by the beginning of April, but it hinged upon the reception and installation of equipment which was long delayed because of war priorities. Even now a great deal of equipment has not yet come through, but the Infirmary opened in spite of this, and has been giving medicals for the past three weeks in their new quarters.

The second floor, which was expanded as well as remodeled, has not been fully opened for lack of equipment, nor has the eye clinic, a new addition on the main floor.

## T.C.A. Handbook Available Soon

Work On Blotter Also Progressing Rapidly

It was announced that the Freshman Handbook, was to have been delivered by June 20, has not yet been printed or bound. While no promise can be made as to the time of delivery, it may be ready for distribution in about three weeks. Christopher G. Boland, III, 6-45, head of the Publications Division, announced these facts.

The book will have its usual form, and enough copies will be printed to supply both Freshmen classes, each V-12 room, and a few upperclassmen.

Blotter Ready in August

Another T.C.A. project, the blotter, will be ready in August. While the paper has been obtained, advertisements are still needed.

In charge of the blotter are: Stanley J. Harshman, 2-46, Business Manager; and James B. Palmer, Jr., 2-46, Advertising Manager.

## Lecture Series Committee Gets Class B Recognition; Frosh Elections Scheduled

### The Tech To Distribute Tickets To Radio Show

Next Friday, July 28, The Tech will distribute free tickets to the First Service Command's radio show "Everything for the Girls," which will be given at New England Mutual Hall on Saturday, July 29, at 12:00 noon.

The show, sponsored by the Women's Army Corps will feature a big name band as well as other well-known entertainers. Tickets may be obtained at the Building 10 sale desk or the News Office.

## Dinner Tonight For New Frosh

Acquaintance Affair Sponsored By T.C.A.

The members of the incoming freshman class have received invitations during this week to attend the Acquaintance Dinner, which will be held tonight at 6:30 P. M. in Morss Hall. Special tables have been reserved for the occasion.

The purpose of the dinner, sponsored by the T.C.A. Freshman Cabinet, is to better acquaint the class of 2-47 with its instructors, forty of whom will be present. Dean Thomas P. Pitre, Associate Dean of Students, will preside over the assembled faculty members and students and also over the general discussion which will follow the dinner.

All arrangements have been made by the officers of last term's Freshmen Cabinet, Maurice F. Dunne, president; Robert N. Creek, vice-president; Frank A. Jones, secretary; and Howard E. Hartman, treasurer.

### Mooney Is President Of Junior Class As MacKinnon Resigns

The Lecture Series Committee was approved as a Class B activity at this term's first Institute Committee meeting, held last night in Litchfield Lounge. The Class B status was recommended in a report read by Kenneth G. Scheid, 10-44, a member of the special committee which was appointed at the end of last term. Thereupon the original motion to accept the Lecture Series Committee as a standing committee, which had been tabled pending the investigation, was amended and then approved.

A motion was passed to hold Freshman Council elections next week. Section leaders and alternates will be chosen at that time.

MacKinnon Resigns

The resignation of Gerald L. MacKinnon, Jr., as President of the Class of '45 was accepted. MacKinnon's resignation was caused by Navy restrictions. Richard S. Mooney, the class vice-president, will take over for the rest of MacKinnon's term.

Field Day Budget Approved

The budget for the Field Day Dance, to be held on Saturday evening, August 26, was approved, provided that the dance be held in Morss Hall. Further dance plans

(Continued on Page 4)

## Ipswich Will Be Scene Of I.O.C.A. Beach Trip

This weekend a beach trip is being planned to go to Crane's Beach at Ipswich by the M.I.T. Outing Club. The excursion, being an I.O.C.A. trip, will be lead by members of the Radcliffe Outing Club.

The following weekend will feature a rockclimbing trip and an I.O.C.A. canoe trip on the Concord River, but details have not as yet been released.

# The Tech



Vol. LXIV Friday, July 21, 1944 No. 23

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# In The Spotlight

Gil Krulee is one of those few amazing Tech men who manage to rise to important positions in student activities and at the same time maintain respectable cumulative ratings. Besides being President of the T.C.A., one of the most important organizations at the Institute, Gil is also a member of Tau Beta Pi, the honorary engineering fraternity. When you also consider the rigorous demands of the V-12 program, and then remember that there are only 168 hours in each week, Gil's record seems all the more amazing.



GILBERT K. KRULEE

Gil was born in Cambridge just a bit over twenty years ago, but he has lived in Belmont ever since he was two months old. His happiest childhood hours were spent sitting on the knees of his father, a professional trumpeter, playing around with the valves of a trumpet. When he was in the fourth grade at school, Gil began playing the trumpet in the school band. His ambition at the time was to play trumpet in an orchestra at a burlesque show.

During his early high school days Gil wanted to go to Annapolis, because he felt that only army and navy officers were important. Nevertheless, his four engineer cousins, three of whom are Tech men, talked him into entering the hallowed halls of the Institute in the fall of 1941, with what is now the Class of 10-44.

## Goes Out For T.C.A.

Gil started the long trek to the top of the T.C.A. by becoming freshman office assistant and member of the freshman cabinet. He did little but make long chains out of paper clips and annoy secretaries, but he spent a great many hours in the office and earned quite a reputation as a hard worker. The following year he came cabinet honor man because of his work in developing the T.C. work camp program, and when E.R.C. was called up in 1943

(Continued on Page 4)

## Takes Up Trombone

Gil attended Belmont High School, and, after a tough race with the daughter of a Harvard professor, he came out first in his class. In his spare time, he took up playing the trombone. At first he encountered some difficulty because his arms weren't quite long enough, but he's been an ardent and skillful trombonist ever since.

## Dramashop Forms New Committee

It has been announced that a committee composed of five Dramashop members working with Professor Dean M. Fuller is planning to produce a play this term. Those on the committee are: Mary E. Sullivan, 6-45; Carolyn D. Gross, 2-46; Robert W. Connor, 2-46; Charles W. Adams, 6-45; and Durga S. Bajpai, 2-46.

If sufficient interest is shown both by the present members of Dramashop and by the new students, tryouts will be held in about two weeks; and if the play is given, it will take place about the end of September. The committee would like anyone interested in acting or production to leave his name at Room 2-176, the Dramashop Office.

## HEY FRESHMAN!

Ever since the new class arrived at Freshman Camp everyone has been telling them how important "spirit" is. They are supposed to develop class spirit, school spirit and Field Day spirit. They have been told many ways of getting this intangible quality that is so highly esteemed.

One of the ways that upperclassmen have been telling them is to go to class rallies and go out for a Field Day sport. They can't do this very well as an unorganized mob however. They need someone to lead them. They need a capable leader who understands them and whom they are willing to follow.

The men who fill this order are to be found right in the freshman class. These are the freshman section leaders. The job of finding them will be left to those who are best qualified to determine who they are, the members of the freshman class. The time when they will be chosen is next week.

This all adds up to the new men in each section being faced with the problem of choosing the man to lead them and choosing him soon. Whomever they choose will both reflect on them and directly affect them. It's not a problem to be dismissed lightly. Think about it frosh, then act, and act wisely.

## IN OTHER FIELDS

Speaking of spirit, there doesn't seem to be much of it around the Institute these days.

- Has anybody heard of the Q Club lately?
- What's going on in the dorms, besides studying?
- Did they really hold a Sophomore rally?
- Where are all the honorary societies?

Maybe the frosh aren't the only ones who need to be told about spirit.

## Boit, Dalton, and Church

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### Technology Track Team To Hold Annual Banquet

Celebrating the end of one of its most successful seasons, the M.I.T. Track Team will hold a banquet at 6:45, Wednesday, July 26, at the Smith House. The undefeated New England Intercollegiate Champions, with Captain Bud Bryant, as Master of Ceremonies, will receive their awards. Anyone interested should sign up at the Track Office in Briggs Fieldhouse.

### Rowing Is Resumed at The Boathouse

#### Crews Lose Key Men; Jayvee Squad Intact

Up at the Tech boathouse, emphasis, for the first few weeks, is being placed upon the instruction of the new and less experienced men in the art of rowing. Those men who first learned to row last spring are under the wing of Coach Tom Moch who is ironing out the high spots in their technique.

Up to date only three boats have gone out on the water and, of these three, only the lightweight eight appears to be well organized. The crews of the Varsity and Junior Varsity shells contain few of the names of men who rowed in them last term, due to the departure of several of them from Tech and the admission of others in the Navy to the track or P. T. instead. In the meantime the lightweights are getting the jump on the other eights. The 150 lb-ers. have seven of their best lettermen back plus George Kewen who was forced out of last term's lineup by an infected hand.

#### Coxswains Greatly Needed

There is a surprising deficiency of experienced coxswains up at the boathouse. This lack has forced the J. V. boat to use an oarsman as cox during the past week. Coach Moch would like to see any experienced coxes and can promise them plenty of work.

### Coach Hedlund Reviews Past Track Season

by OSCAR HEDLUND  
Track Coach

This year's team of Cardinal and Gray tracksters started the season with a win over Holy Cross and Northeastern and continued winning over Andover, Worcester Polytech, Bates and finished the season by swamping Williams College. In all these meets more boys scored points than ever before with an average of 23.3 athletes per meet placing to help Tech win its meets by a good margin.

The outstanding men on the team, were McKee and Baldwin in the hurdles, Bailey, Kay and Chapman quartermilers, Bryant, Whipple in the middle distance, Goldie, Poorman milers. The field events were protected by Pasfield and Humphreys in the high jump, Wright winner of New England pole vault, Randolph the broad jump, Murphy, Dodds in the hammer throw and Dickinson a good scorer in the discus.

In the javelin event Tech was very strong with Upton, Oechole and Hollister, finishing one, two, three at Williams.

#### Cross Country in Fall

On August 26 the annual Field Day and Battle Royal on Briggs Field between the Frosh and the Sophs consisting of swimming, sailing, softball, tug of war, relay race and glove fight, the big event of the year.

In the fall cross country will be on the program and so far meets are arranged with Dartmouth, Worcester Polytech, Harvard, Bates and Tufts, with the New England and IC4A Championships to finish the season.

### M.I.T.A.A. Plans Rally; Many Positions Are Open

A rally to acquaint new students with the M.I.T. athletic association will be held Thursday, July 27, in the Faculty Lounge at 5:00 P.M. The Athletic Association will be explained and opportunities to sign up for a sport will be offered.

According to Thomas A. Hewson, 6-45, many opportunities are open in the field of sports to students interested in the A. A., positions being now available in lacrosse, squash, tennis, crew, track, swimming and cross-country. Besides these positions there are managerial openings available.

### Advanced Swim Course Given At Alumni Pool

Starting Tuesday, July 25 from 7:00 to 9:00 P.M., the Cambridge Chapter of the American Red Cross will conduct an advanced course in swimming at the Alumni Pool for those who now hold an active Junior or Senior Red Cross Life Saving Certificate. All those passing the course, which will be given every following Tuesday for a period of 13 weeks, will become qualified instructors in swimming and water safety.

On Tuesday nights, the pool will be used exclusively by those in the course. Enrollment in the course will be limited to undergraduates and Navy students only. Those wishing to sign up for the course may do so at the pool with Coach Smith Friday and Monday from 5:00 to 6:00 P. M.

### Beaver Key Elects Kelley President For Next Two Terms

#### S.A.E. Wins Beaver Key Trophy Race; Theta Chi Second; Tie For Third

Beaver Key held elections last Friday, to determine the new officers for the coming two terms. Edward J. Kelley, 6-45, was elected President, David Trageser, 6-45, Vice-president, Harold Thorkilsen, 6-45, Secretary and Charles F. Street, 6-45, was chosen as Treasurer. At the same meeting, the final results of the last Beaver Key Trophy Competition were released. They place S.A.E. in first place, with Theta Chi runner-up, and a three-way tie for third place between Delta Kappa Epsilon, the Air Cadets, and Cincinnati, a group of V-12 students.

The trophy was awarded this year on the basis of tournaments completed between July 1, 1943, and July 1, 1944. The point totals were compiled by rating the tournaments according to their importance and duration. In this way, a first place in the baseball tournament netted 45 points while a first place in swimming was worth 20 points.

#### Winners of Each Tournament

- Baseball—Cincinnati
- Football—Delta Kappa Epsilon
- Basketball—Air Cadets
- Volleyball—Sigma Alpha Epsilon
- Swimming—Chi Phi
- Track—Tie: Sigma Alpha Epsilon & Theta Chi

### B.K. Softball Changed; Plans Include Losers

#### Phi Delt Victorious Over Pi Lambda Phi; Chi Phi In Shutout Win

Because many of the houses have changed radically after the end of last term, the Beaver Key Softball Tournament has been revised to include those entries that were eliminated in the last few weeks of the last term. Under the plan as it now stands, Tom Hewson and Jake Freiberger, the Beaver Key Representatives, have scheduled a double elimination affair, with a round-robin play-off between the four surviving outfits. This means that, although a team loses in the first elimination, they will play the other defeated teams, and thereby have an opportunity to reach the finals. Each elimination will be carried down until there are two teams remaining, and they will enter the play-offs.

With the first elimination bracket still in the third round, the tournament is being rushed to completion, but postponements have forced a re-scheduling of contests. Six games were to have been played over the past week-end, but, when the dust over at Walker Field had settled, only three were actually played.

#### S.A.E. Victorious

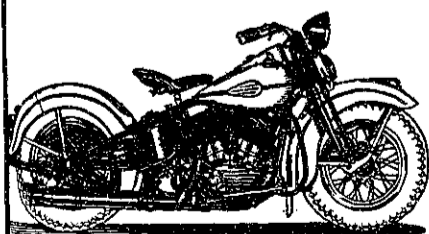
In the only Saturday game, the athletic S.A.E.'s scored an easy win over the Brookline Sigma Alpha Mu's, by a 10-5 count. S.A.E. led off with a four run first inning, and were never headed thereafter, as the smooth battery of Newton on the mound and Robertson behind the plate, held the opposition in check. The S.A.M. outfield played a great game, but S.A.E. dropped enough base-hits into the field, to take the game.

In the first of the two Sunday game, Chi Phi eked out a close one over Delta Tau Delta, as they garnered a three run lead in the first inning, added one more later in the game, and romped home to a 4-0 shutout win, the first of the season. Phi Delta Theta slaughtered an unresisting Pi Lambda Phi aggregation, as they rolled up an impressive 27-9 victory, by powering

(Continued on Page 4)

#### Final Standings

	points
1. Sigma Alpha Epsilon	100
2. Theta Chi	52
3. { Delta Kappa Epsilon Air Cadets Cincinnati }	45



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## Dr. Perrine Gives Electronics Talk

Prospective Engineers Hear Telephone Executive

Dr. James O. Perrine, editor of the Bell System Technical Journal and assistant vice president of American Telephone and Telegraph, explained the details of modern electronic telephone equipment to a group of prospective electrical engineers at a talk last Wednesday night in Huntington Hall.

He said that the main emphasis in communications through the years has been to increase the frequency in the cycles so that more words could be transmitted per minute in the cables. Efficiency in communication, the ratio of output to input, is unimportant as long as the information gets across above the noise level.

The loss of power in a cable from New York to San Francisco in 1915, according to Dr. Perrine, was about 40,000 volts, while today we lose that much in about five miles.

## Spotlight

(Continued from Page 2)

took over the vice-presidency. Last winter he was elected President.

Gil was one of the original group of V-12ers at the Institute, and he's been very active in Navy affairs ever since he moved into the Graduate House. He was secretary of the important Welfare Committee, which sponsored the V-12 Ball, for three terms, and he also started the Navy band and a dance orchestra.

### Is Course X Man

A senior in Chemical Engineering, Gil is at present engaged in writing a thesis on powdered coal. He has become very adept at grinding up small bits of coal, and estimates that he has taken more baths since he started his thesis than during all the other nineteen years of his life. After the war he plans to go into graduate work in Chemical Engineering.

Besides the T.C.A. and Tau Beta Pi, Gil is a member of the Student-Faculty Committee and the American Institute of Chemical Engineers. He was also a member of Dramashop for two and one-half years. An ardent Boys' Worker, he still finds time to shepherd a flock of young fellows to an occasional children's concert on the Esplanade. Solely by virtue of his T.C.A. post Gil would rate a sojourn in the SPOTLIGHT, but when we look at the other aspects of his amazing record, he certainly deserves an extra bow.

## Professor Magoun Speaks At Meeting Of The A. S. M. E.

"Men, Mules and Molecules," a lecture on the disciplinary problems of the executive, was presented to the members of the American Society of Mechanical Engineers, by Professor F. Alexander Magoun last Wednesday afternoon. This was the first talk in a series of two. The second will be given Wednesday, July 26, in Room 10-250 at 5 P.M.

Professor Magoun found the inspiration for his current lecture on psychology from an article, "The Unwritten Laws of Engineering," which deals with tactful treatment of employer-employee problems which are bound to rise in business. As an example, a typical situation was enacted by three assistants, who first demonstrated the treatment which an inexperienced person would probably show. Professor Magoun then contrasted the correct method, and succeeded in firing the unnecessary employee, and disciplining the troublesome one.

## All-Tech Smoker

(Continued from Page 1)

of War, as guest speaker.

### Traditional Ceremony

It is at the smoker that the freshmen will be officially inducted into the Technology Undergraduate Association. This traditional formality has long been a part of the All-Tech Smoker program.

Plans for ticket distribution to freshmen are not quite ready, but it is expected that an announcement telling where freshmen may pick up their tickets will be made in the near future.

## Musical Clubs Outline Schedule

Over fifty freshmen came out to the first rehearsal of the Glee Club to give the group its largest membership for over a year. The club is now in the process of learning a complete new group of numbers with "Sons of M.I.T." and "Take Me Back to Tech" as specialties. Concerts are planned with Radcliffe, Pembroke and other schools near Boston, and there are also plans under way for a free concert in the Great Court.

New to the musical clubs this term is the thirteen man dance band. The band already has orchestrations of most of the good new pieces, and about all of the good old timers.

## Professor Wiener Talks About Japan

East-West Association Sponsors Discussion

An explanation of Japan's prejudiced relations with other countries was forwarded last night by Professor Norbert Wiener in his talk to the East and West Association at a meeting in the William Emerson Room.

Professor Wiener said that Japan until recently has been extremely isolationist in its foreign policy and has never assumed a place of diplomatic importance among other countries. The fact that even Buddhism in Japan had little connection with the activities of the Buddhists in other Far Eastern countries exemplifies the characteristic isolationist tendencies of the Japanese people.

## Inst. Comm.

(Continued from Page 1)

will be announced at a later date.

John L. Hull, 10-44, who has been acting head of the Dormitory Committee during its period of inactivity during army occupation of the dormitories, said that a temporary committee of dormitory Juniors and Seniors will be formed Monday to bring about a speedy reorganization. When the reorganization is effected, the committee will ask for restoration of its Class A status and seat on the Institute Committee.

The new Musical Club elections, necessitated by the resignation of Karnig A. Berberian, 10-44, were approved. Alexander S. Giltinan, 2-46, is the new General Manager and Concert Manager, and Robert P. Fried, 2-46, is Treasurer and Publicity Manager.

H. Bruce Fabens, 10-44, Cortlandt F. Ames, 10-44, Robert V. Horrigan, 10-44, and George Brown, 2-46, were absent. King Cayce, 10-44, Carroll W. Boyce, 10-44, and Robert B. Hildebrand, 6-45, were late.

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333 Washington St., opp. Milk St., entrance also at 24 Province St.; 84 Boylston Street, Little Building, Street Floor; 60 Norway St., corner Massachusetts Ave.; 1316 Beacon Street, Coolidge Corner. Authorized and approved literature on Christian Science may be read or obtained.



## Chinese Officers Start Study Here

Twenty-four Chinese Naval officers, members of graduate school of the United States Naval Academy, by special arrangements between the United States and the Chinese Governments, have been assigned to the Institute for special technical courses similar to those given United States Naval officers. The training period will last approximately two years.

The Chinese officers arrived here from Swarthmore College, where they were undergoing an eight-month preparatory course. They have been assigned special billets in the Senior House.

## Softball Tourney

(Continued from Page 3)

the ball to all fields in the second contest.

Five games are to be played over this coming week-end, and the tournament will be brought into the next round. Phi Sigma Kappa will play the Student House, Theta Chi against Sigma Nu, and Phi Kappa Sigma versus Phi Mu Delta, all postponed games rescheduled as in the other games that have been scheduled, the 5:15 Club and the Lenox Club will meet, and the Phi Gamma Delta outfit will tangle with Theta Delta Chi.

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