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 veterans, 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 Pente, '17, President of the Technology Alumni Association and Vice-president of Arthur D. Little, Inc., spoke. Cayce also announced that arrangements are being made obtain Edward L. Bowles, former Professor of Electrical Engineering at the Institute and now scientific adviser to the Secretary of Defense, to better acquaint the class with the work of the Institute.

(Continued on Page 4)

1945 Technique Will Appear End Of August

Extra Colors To Run Throughout Publication

The 1945 Technique will appear end of August or the beginning of September according to William Farrow, 6-45, General Manager. The new Technique will have a color opening section; and two colors besides black and white will be run throughout about two-thirds its thickness. More pictures less writing than previous will appear. The paper cover, cover title and number of pages will be the same quality in this Technique as they were in last year's.

A subscription drive will open Monday at the fraternities and sororities, and in the Lobby of the 2-45. Subscription price will be 50 cents.

School Infirmary Opens Main Floor After Remodeling

The Homberg Infirmary opened its doors on the main floor of Building II 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 receipt 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 1945 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 P. Dunne, president; Robert N. Creek, vice-president; Frank A. Jones, secretary; and Howard E. Hartman, treasurer.

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 led by members of the Radcliffe Outing Club.

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

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.
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 determine who they are, the members of the freshman class. The freshman class. These are the freshman section leaders. The job is to go to class rallies and go out for a Field Day sport. They have been told many ways of getting this intangible quality that is so highly esteemed. They have been told many ways of getting this intangible quality that is so highly esteemed.

The men who fill this order are to be found right in the freshman cabin. They determine who they are, the members of the freshman class. The freshman class. These are the freshman section leaders. The job 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.

The 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. 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.

GILBERT K. KRULEE

GILBERT K. 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.

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 the halls of the Institute in late fall of 1941, with what is now 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.

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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 McCue 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, Randolf 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, Ochole 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 flight, 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 ICAA 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 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 Dels 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 Hown 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 continued winning over 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 games, 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 unsurprising Pi Lambda Phi aggregation, as they rolled up an impressive 27-9 victory, by powering...
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 ever 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 sometimes goes out 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 solojourn 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. E. M.
"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 20, 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 arise 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 proceeded 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 buy the 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.T.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 has already had orchestrations of most of the good new pieces, and about all of the good old timers.

Chinese Officers Start Study Here
Twenty-four Chinese Naval officers, members of graduate school at 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 a year.

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 on this coming weekend, and the bunting will be brought into next round. Phi Sigma Kappa play the Student House, Theta against Sigma Nu, and Phi Kappa Sigma versus Phi Mu Delta. The postponed games rescheduled in the other games that have been scheduled, the 5:15 Club and Lenox Club will meet, and the Gamma Delta outfit will take on Theta Delta Chi.

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