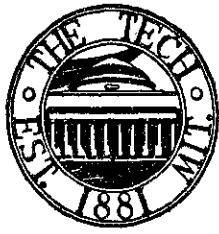


The Tech



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Vol. LXIV, No. 34 / 7

CAMBRIDGE, MASS., FRIDAY, APRIL 7, 1944

PRICE FIVE CENTS

Institute Plans 2 Week Recess Between Terms

Tentative Plan Calls For June 24-July 10 Vacation Period

Technology students will enjoy a two week vacation at the end of the present term, according to the tentative calendar announced yesterday by Joseph C. MacKinnon, the Institute's Registrar. The last exercises for this term are scheduled for Saturday, June 17, and final examinations will be held from June 19 through June 24, with Summer Term Registration Day set for Monday, July 10. Exercises for the Summer Term begin on July 11. It is emphasized that this schedule is subject to change.

Classes for the Summer Term will extend through Saturday, October 21, with examinations during the week of October 23. A one week vacation will follow, with Fall Term Registration Day set for November 6. Fall Term exercises will be held through February 17, with examinations to be held the following week. Registration Day for the Spring Term of 1945 will be on March 5. Spring Term exercises will be held from March 6 through June 16, and final examinations are planned for the week of June 18.

Mr. MacKinnon also announced that students are not allowed to drop subjects, except with the special approval of the Committee on Petitions, after Monday, April 10. If any students consistently neglect their work or drop subjects without proper authorization, they are to be reported by the teachers.

Freshmen Choose Section Officers

Five Of Eight Sections Have Finished Elections

Five of the eight freshman sections elected their section leaders and alternates this week, in an election which was approved by a slim margin at last week's Institute Committee meeting. The section leaders and alternates will meet to elect a Secretary-Treasurer and two Institute Committee representatives within two weeks. Richard S. Mooney, 6-46, Junior Vice President is Chairman of the Freshman Council.

The section leaders as reported last night by Gabe E. deRoeth, 10-44, Elections Committee Chairman, are as follows: Section 3, Harry P. D. Rockwell; Section 4, Robert D. Tripp; Section 5, Frank A. Jones, Jr.; Section 6, George Browne; and Section 201 (Navy second term), George Griess.

Section alternates elected were: Section 3, Leon J. Brettler; Section 4, Roger L. Sisson; Section 5, Thomas E. Pawel; Section 6, Robert C. Albers; and Section 201, E. L. Perry.

Dunne Elected By T.C.A. Freshmen

Maurice F. Dunne, 10-46, was elected President of the T.C.A. Freshman Council at the council's first meeting, held Wednesday afternoon. The other freshman officers elected were: Robert N. Creek, Vice-President; Frank A. Jones, Secretary; and Howard E. Hartman, Treasurer.

The council voted to hold freshman "bull sessions" with faculty members later in the term. According to present plans, about ten freshman will eat dinner with a faculty member, and will then spend the evening talking about anything and everything that might appeal to them.

Doctor Compton Announces New Staff Promotions

Promotions on the faculty of the Institute, effective at the beginning of the next academic year on July first, were announced today by President Karl T. Compton. Nine staff members were promoted to the rank of professor, twelve to the rank of associate professor, twelve to the rank of assistant professor, while eight members of the staff became instructors.

Members of the faculty promoted to the rank of professor in the department of Physics are Nathaniel H. Frank, and Francis W. Sears, department of Geology: Martin J. Buerger, and Walter H. Newhouse, department of Electrical Engineering: Murray F. Gardner, and Ernst A. Guillemin, department of Chemical Engineering: Edwin R. Gilliland, department of Naval Architecture and Marine Engineering: George C. Manning, and in the department of Biology and Biological Engineering, Bernard E. Proctor.

Promoted to the rank of associate Professor in the department of Economics are Harold A. Freeman and Paul A. Samuelson, department of Meteorology: James M. Austin, department of Electrical Engineering: Arthur B. Fitzgerald and William H. Radford, department of Mechanical Engineering: Peter E. Kyle, department of Mathematics: Norman Levinson, and George Wadsworth, department of Aeronautical Engineering: Augustus R. Rogowski, department of English and History: Theodore Smith, department of Civil Engineering:

(Continued on Page 3)

Prof. Magoun Gives Lecture

Second Talk In Series Will Be Held Tuesday

Professor F. Alexander Magoun, of the Division of Humanities, delivered the first of his spring series of T.C.A.-sponsored marriage lectures before over 900 persons in Tuesday afternoon's two sessions. Professor Magoun's topic was "The Engagement." He stressed the importance of the engagement period, and linked "long acquaintance, long courtship, and long happiness."

The second of the talks in the spring series is to be on "The Honeymoon." Professor Magoun will discuss several of its psychological and physical aspects. The lecture, to be delivered next Tuesday, April 11, will again be given in two sessions, at 4:00 P.M. and at 5:00 P.M. in Huntington Hall.

Rare Collection of Microscopes Now On Exhibit In Building 10

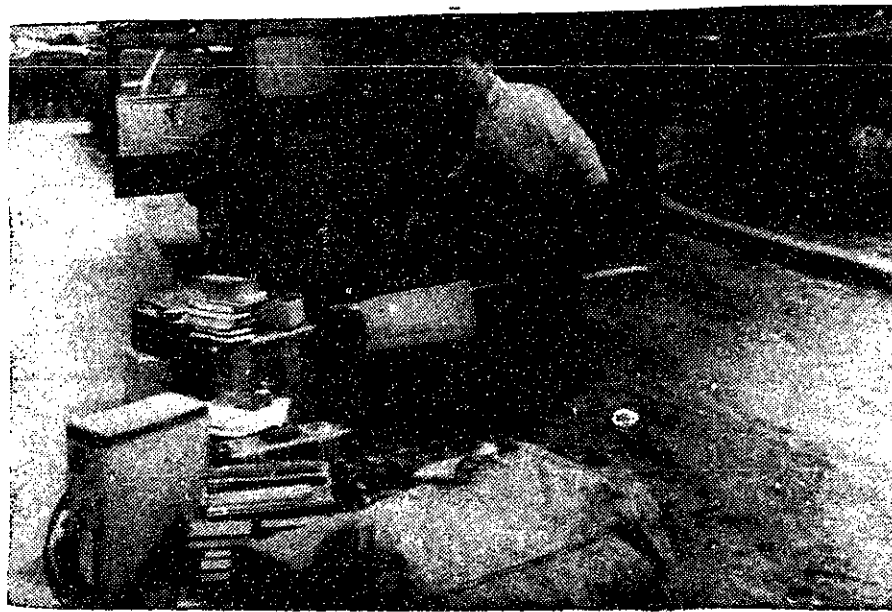
Now on display in the Lobby of Building 10, are books, pictures, and collector's items of all types of microscopes, telling the history of the development of the modern microscope, and what it can do. The exhibit traces its beginnings in Europe, and then follows it to the American Continent, along with the men who helped in its development in this country. The actual microscopes and books that these investigators wrote on the subject are in the display.

To technical minded Tech men, description and photographs taken by the electron microscope will prove the most interesting. Its powers of magnification are 100,000 diameters, compared to the 1,000 diameters of the ordinary, highly developed light beam microscope. The principle of its mechanism is

Official Notice

The Registrar officially announced that eight week grades for freshmen will be entered. The remainder of the undergraduate body will receive final reports only.

THE NEW ERA STARTS



Typical of what has been happening since Wednesday and will reach its peak tomorrow is this photo of Paul Winsor, III, 6-45, unloading his truck outside the dorm office.

Ninety-three men, transferring their belongings by truck, taxi, trolley, and plain sweat, had moved into the newly reopened portion of the dormitories up to last night, it was revealed by the dormitory office. Walcott, Bemis, and Goodale halls were returned to civilians Wednesday after thirteen months of army occupation. The three halls were intended primarily as a graduate house, with a limited number of undergraduates able to obtain accommodations. A large number of undergraduates were, however, part of the limited number.

The Walker Memorial Dining Service reopened Monday morning, and has been handling large numbers of civilian students, research personnel, and staff members as well as over 200 Air Force cadets. The atmosphere and soft music were especially appreciated after the bright, cold, and noisy new cafeteria. Even with metal mess trays and a war-curtained menu, many persons seemed "glad to get back to Walker."

FIRST CIVILIAN CUSTOMER



Marshall P. Tulin, 2-46, gets the first meal served to a civilian as Walker Dining Hall reopened on Monday.

Interfraternity Queen To Be Named At Statler Dance On Friday, May 12

Tickets, Priced At \$6.00, Go On Sale In Building 10 Monday

An Interfraternity Queen will be crowned at the I.F.C. Dance to be held at the Hotel Statler the night of Friday, May 12. She will be chosen by the audience as a whole according to the rules announced last night by Carroll W. Boyce, 10-44, Dance Chairman. At the same time he announced that the ticket price would be \$6.00, which includes the government tax of \$1.00.

Ticket sales start next Monday at 11:00 A.M. in Building 10 Lobby and will continue through Friday between the hours of 11:00 A.M. and 2:00 P.M. All students, not just fraternity men, may purchase tickets. The dance committee has made arrangements with the Navy whereby V-12 men attending the dance may obtain special leave on from 6:00 P.M. Friday to 6:00 A.M. Saturday, the night of the affair.

The contest for choosing the Interfraternity Queen will be run in two parts. First ten girls will be picked from snapshots before the night of the dance. These ten girls will be presented on the stage during the dance intermission and the audience shall pick the winner by their applause, an applause meter being provided for the occasion. Among other things the winner will receive a War Bond.

The rules for the contest are as follows:

1. A snapshot or unretouched photograph of your I.F.C. date should be submitted to Carroll W. Boyce, A.T.O. House, 37 Bay State Road on or before May 5. Late entries may be turned in at the Building 10 sales desk which will be open for this purpose on May 4 and 5. Pictures preferably should

(Continued on Page 3)

Debators Subdue Norfolk Prison

Society To Hold Debate With Williams College

The M.I.T. Debating Society was victor over the Norfolk Prison Colony at Norfolk, Mass., last Sunday, for the first time in the history of the club. The opposition was quite stiff as the opposing team was made up of former lawyers and judges.

The next major debate is to be held with Williams College here tomorrow at 4:00 P. M. in Litchfield Lounge. Technology will take the affirmative on a subject which deals with the post-war world of the United Nations. Another unusual debate will be held Friday, April 14, with the Latin-American Club. The topic, which is to be on South America, has not yet been selected.

McKewen Is Appointed 6-45 Ring Chairman

George E. McKewen, Jr., 6-45, was appointed Senior Ring Chairman last night by Gerald L. MacKinnon, Jr., Junior Class President. As was decided by the Institute Committee last week, the members of the Class of 6-45 will be allowed to order their class rings this term, but delivery will not be made until November 1.

McKewen announced that plans are being made to take orders for the rings in about two weeks. The sales date will be announced in a subsequent issue of THE TECH.

T. E. N. Features A.T. & T. President

April Issue Goes On Sale Mon., April 17

Robert M. Gould, 6-45, General Manager has just announced that the April issue of the Tech Engineering News is to come out on Monday, April 17.

The Textiles and Automotive Divisions of the Mechanical Engineering Department will be represented in this month's feature on Technology. Professors Edward R. Schwarz and C. Fayette, both in the department, are the authors of the respective articles. The Alumnus of the Month is Doctor Frank Jewett, '03, president of the American Telephone and Telegraph Company.

Two new innovations will be a picture quiz on Technology and "Interesting Facts From the World of Science."

The T. E. N.'s twenty-fifth anniversary issue which is to be put out in May is to be bigger and better than previous issues.

The Tech

Vol. LXIV Friday, April 7, 1944 No. 12

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Makeup Assistant For This Issue

Dean Bedford, Jr., 2-46



Leadpiping Again

Due to a typographical error, the editor's desk has been littered with complaints from the Phi Delta Theta and Alpha Tau Omega fraternities this past week. It seems that Carroll Boyce's address was given as 97 Bay State Road instead of 37. Consequently all the I.F.C. money has been sent to the Phi Delta house instead of the A. T. O. where he is a good brother. The A. T. O. men are considering invading the Phi Deltas in order to collect their funds, while Boyce is going around assuring his friends that he has not pledged Phi Delta.

Fraternity Findings

DELTA'S BRAWL

The town of Brookline had a hangover last Sunday due to the effects of a "small" Delta party Saturday night. Among the interesting things found there was a dime slot machine, which some Deltas hoped to operate to their profit. They were seriously disappointed, when their sacred money maker paid off nine or ten times. They immediately went into a huddle with the machine behind locked doors in the kitchen. To their dismay no one played it when they brought it out again.

In The Spotlight

Professor F. Alexander Magoun of the Division of Humanities need hardly be introduced to the average Technology student because of his famous lectures on marriage. There are, however, several other sides to the professor's personality of which the student is not aware. Professor Magoun was born in Oberlin, Ohio of "poor but honest parents." His father was a professor of Greek and Latin at Oberlin College, and his mother studied biology at M.I.T. Since he showed an early aptitude for "building things," Professor Magoun came to Technology after graduation from Cambridge Latin School.

Institute Graduate

The professor graduated in 1918, the president of his class. Receiving his S.B. in Mechanical Engineering, Professor Magoun went on to get an S.M. in Naval Architecture. After graduation, he stayed on at the Institute as an instructor in the Department of Naval Architecture until 1930.

The great turning point in the professor's life came about 1928 when he found that he was "more interested in people than things." As a result, Professor Magoun turned to human relations. In 1930, he was made Associate Professor of Humanities, a post which he still holds.

Famous Consultant

In the field of human relations, the professor has been most active. He has just finished giving an industrial relations course for trade union labor leaders in Canada. He has done much work as consultant for such firms as General Electric, Du Pont, and Bridgeport Brass. He



PROFESSOR F. A. MAGOUN

has lectured all over the United States, as far south as South Carolina and as far west as San Francisco, on human relations in industry. He has given his famous series of marriage lectures, which he started in 1929, at Wellesley, Simmons, Cornell, Lehigh, Bates, University of New Hampshire, University of California, Oregon State, and many others. As a climax to his activities in this field, he was made a director of the nation-wide Marriage Study Association in 1940.

Professor Magoun has written eight books on subjects ranging from ships and aeronautics to human relations. The latest is now in its second edition and has been translated into Chinese. The professor also has an excellent collection of United States mint stamps and United States pennies from 1793, of which he is missing only fifteen.

Interested In College Boys

The two things which interest the professor most are ideas and college boys. At present, he is involved in three important problems. The first is the contradiction of the premise that self-preservation is the first law of human nature. According to Professor Magoun, the first law is psychological self-preservation. Secondly, he is interested in the psychology of trying to reach a goal. Lastly, he is working with Professor R. C. Nyman, of Yale, on the psychology of cooperation. Professor Magoun states that this is basic in understanding human, industrial, and international relations.

The professor is married, as ideally as his lectures seem to indicate. He has two sons, both of whom are in the armed services. According to Professor Magoun, his happiest experience was when he and his sons built a log cabin in the New Hampshire woods. The Professor is the personification of the ideal husband which his lectures try to make of all Technology men.

INTEREST IN COURSE XXV TOPS USUAL SATURDAY PEAK



Miss Margaret Colby promotes new interest in Entertainment Engineering in the Delta House kitchen last Saturday night.

TO FOSTER THE SPIRIT

The new Quadrangle Club, consisting of twelve Sophomores, is now starting in to execute its prescribed duties; but what these duties are, or how the twelve men were chosen to execute them, is a mystery to almost the entire student body, including the men concerned.

These men, let it be known, were elected by seven members of the old Quadrangle Club—seven out of twenty-five, in spite of the fact that the by-laws of their constitution state that a quorum shall consist of twelve men.

Nevertheless these elections were approved by the Institute Committee and will stand. The men so chosen may prove the nucleus of a fairly competent organization, but such a situation should not be allowed to arise again. The fault is with the method which the Q Club has adopted for choosing new men, and this should be changed.

The Junior honorary society, the Beaver Key, has developed a satisfactory method of choosing its men, and we suggest that the Sophomore honorary adopt one similar to it. The method the Q Club now uses, which is not even mentioned in their constitution, is that at the end of each scholastic year the Club—as a whole, in part, or whoever cares to show up—elects twelve men to be a new club. This nucleus then meets at the start of the next term, elects officers, and appoints more members. There is plenty of opportunity in this system for petty politics, and the opportunity has been used frequently in the past, as witness the last "farce" election.

Many persons have complained in the past that the Q Club has no functions to perform. If it did, they would probably get poor attention under the present system where nobody knows what the club is supposed to do or how it is supposed to be done. The Beaver Key Society, on the other hand, has developed a method which works. At the end of the year they elect officers from the old club to be the executive board of the new club, thus insuring competent and experienced men in key positions. The members of the society are chosen by a method more closely designed to get men worthy of being honored, rather than political affiliates of old members. Eight men are picked in class elections, and these are supplemented by twenty-six men recommended by activity heads and chosen by the executive committee. This is the method which the Quadrangle Club should adopt.

The complaints that the Quadrangle Club has nothing to do are well founded. Its constitution states that its purpose, besides being an honorary, is "to foster the spirit of democracy, fellowship, and loyalty in the Institute," and as far as any practical function is concerned, this means absolutely nothing. The word "spirit" has been seized upon, and freshman ties and paddlings have been attempted in this vein, but nothing else practical has ever come out. Small wonder the club deteriorated into the beer-drinking organization which it was up to a few years ago.

Give the members of the Quadrangle Club something to do, some responsible job which they can carry through with the aid of Junior officers, and the organization will come to life. Such a job is the management of Field Day. This has long been handled by the MITAA, but there is no reason why the Q Club could not run it, and still leave the A.A. plenty to do. With Junior officers in charge, with the A.A.'s reports, and perhaps with a little assistance the first time, they could do a very creditable job.

The Quadrangle Club constitution should be thoroughly revised. The Club should be given Junior officers, and a new method of election. Then it should be given Field Day to handle. If not, it had better be disbanded, and an honorary plaque be substituted, while the dorm Agenda does the paddling.

Reviews and Previews

KEITH MEMORIAL—One of the funniest parodies on Army life, called *Up in Arms*, arrives Wednesday. The star, Danny Kaye, is at his best in portraying a misfit in the Army, and when he isn't silly he really makes you roll in the aisles. Kaye gets into all kinds of "tough situations," from protecting a female stowaway to capturing a group of Japs single-handed. With him is the lovely, smooth-voiced Dinah Shore, who can be described only as terrific.

RKO BOSTON—With Mitch Ayres' orchestra on the stage this week are the Andrews Sisters. This well-known trio should be in good form if you like this type of vocal. The featured picture is the musical *Moonlight in Vermont*, starring the lovely Gloria Jean.

LOEW'S STATE AND ORPHEUM—MGM's story of international romance, *Song of Russia*, is billed here, starring Robert Taylor and Susan Peters. From two different worlds come the lovers in this plot to find romance and adventure. Miss Peters, who plays the part of a young Russian girl, does an excellent job, and Taylor isn't bad. The second picture is *The Memphis Belle*, a film made by U. S. Army

photographers, showing a real bombing mission over Germany. This is the first picture of its kind and should be very interesting.

METROPOLITAN—Washington is crowded, but if you have a good secretary she'll get you a room. How? See *Standing Room Only*, the story of a couple that wanted to "play house" but couldn't even find a room in the busy capital city. Paulette Goddard and Fred MacMurray take the leading roles, backed by Edward Arnold and Roland Young. The picture offers some good comedy for an evening's enjoyment. In the second picture, Robert Lowery and Jean Parker show you how to do it *The Navy Way*.

PARAMOUNT AND FENWAY—You've all heard the story of the five Sullivan boys who went down with the "Juneau." Their exciting, eventful history has now been made into a rather trite picture called *The Sullivans*. Selena Royale, Thomas Mitchell, Ann Baxter and Trudy Marshall are the stars. The second picture is another borer, *Timber Queen*, with Richard Arlen and June Havoc.

OPERA—For those who like the better things we suggest you see at least one of the classic operas. The series starts Monday with *Un Ballo in Maschera* ("The Masked Ball").

Sunrise Service Set For Sunday

Technology students have been invited to attend a Sunrise Service, to be held at 7:00 A.M. on Easter Sunday, and sponsored by the Young People of the Back Bay Churches and the Student Christian Council. It will be held on the Charles River Esplanade at the foot of Gloucester Street. In case of rain, it will be transferred to the Mount Vernon Church on the corner of Massachusetts Avenue and Beacon Street.

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,
 331 Washington St., opp. Milk St., entrance also at 24 Province St.; 24 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.

Crew Touching Up Rough Spots

Inter-crew Racing Livens Up Practice

During the past week the crew has been continuing its intense practice for the Annapolis race. The varsity crew has improved immensely and now beats the jayvee regularly in the daily informal races. Coach Moch has been taking time trials of the varsity heavies, but the results of these are unknown.

Winkler Strokes Lightweights

The light varsity has been showing great promise and improvement with each day. The boat, stroked by Dick Winkler, beat the jayvee boat which has been giving the heavies close competition. This means that the varsity lights are the best they have been in years and gives them a good chance to go to Cornell.

Street Tallest Stroke

The varsity boat has not been officially announced, but the same men have been rowing in it quite steadily and the lineup is fairly certain. Chick Street, who recently received a writeup in one of the leading papers as the tallest stroke on any crew, is still holding down that position in the boat.

Emerson Squash Tournament Starts

C. J. Emerson To Give Two Cups To Winners

Last week the Emerson Cup squash tournament got under way with 56 men in the starting lineup. C. J. Emerson annually gives two cups to the winners of the tournament, which has been held here in the past several years.

Mr. Emerson tried out the Tech courts this past week. He played with his son from Middlesex, and found the courts very satisfactory, especially the lighting. Mr. Emerson also told Jack Summers that the cups are all ready and since then they have arrived.

Emerson Will Present Cup

The first two rounds of the tournament have already been completed and the finals will be played in two weeks. Mr. Emerson, himself, will present the cups to the winners.

I. F. C. Sponsors Photo Contest

(Continued from Page 1)

be full length but half length or facial shots will be accepted.

2. Print your date's name and your name clearly on each print.

3. Not more than two photographs of one girl may be submitted.

The judges for the contest will be, Miss Mary Ellen Davis (Radcliffe), Miss Dorothy Spencer (Wheelock), John L. Hull, 10-44, and Cortland F. Ames, 10-44. Carroll Boyce will act as chairman of the judges.

The committee for the dance consists of the Executive Committee of the I.F.C.: Carroll W. Boyce, Dance Chairman, Peter L. Quattrochi, Hugh M. Taft, Robert H. Horsburgh, Jr., all 10-44, Robert B. Hildebrand, and Charles F. Street, 6-45, with a seventh member to be chosen at the next meeting of the I.F.C.

VARSITY CREW STROKING ON THE CHARLES



The Varsity Crew working out in one of its daily practices on the Charles River in preparation for coming races.

Shore School Attracts Many As Spring Sailing Season Begins

With the opening of the Sailing Pavilion on April 1, interest has once again been aroused in our murky Charles, for the Nautical Association's Shore School, which has been meeting every night this week at 5:00 P. M., is now giving instructions to many prospective crew and helmsmen.

Before one is allowed to sail alone, he is required to meet certain regulations. These consist of passing crew and helmsmen tests given under the supervision of officials of the boat house. Candidates can come down to the pavilion anytime to take the tests. Some of the subjects that have been studied so far are knots,

splices, cordage, belaying, coiling, blocks and tackles, ground tackle, and the nomenclature of vessels.

For those persons who began to work on crew and helmsmen sheets at any time but did not complete the same, these sheets are still valid provided you still have them.

Boat House Open to All

The use of the boat house will be open to all who have any connection with the Institute. This includes students, faculty, secretaries, lab workers and service groups.

Priorities will be given to service men for the use of the Nautical Association facilities on Saturdays and Sundays, while on weekdays all members will receive preference from 5:00 P. M. to dusk.

Racing will begin this Saturday and will continue almost every Saturday and Sunday until June 11.

Camera Contest Closes Monday

M.I.T.O.C. To Enter Winner In Technique

The M.I.T. Outing Club Camera Contest closes Monday, April 10, at 6:00 P. M. This is the absolute deadline for entering photographs to compete for a place in Technique on the Outing Club page. These pictures may have as their subject any phase of the club's activities or a group of the members that doesn't look posed.

For Sunday, April 16, the club is planning rock climbing and cycling trips to the Quincy quarries and the Sudbury State Forest, respectively. Details will be announced next week.

Another I.O.C.A. Square Dance will be held in Memorial Hall, Harvard Square, April 22. As usual, Al Smith, a Technology graduate, will do the calling and instruction will be available for those needing it before the dance. The hour of the dance will be announced.

Tech Tennis Team Will Hold Rally

The Tennis Team will hold a rally on Tuesday, April 11, 5 o'clock, in Litchfield Lounge. The V12 students are eligible for the team, and this activity will serve as a substitute for the regular Navy Physical Training Program.

Jack Summers, the coach, will announce when the team will start practice. The schedule for the racket wielders is as follows: May 6, Phillips Academy (Andover), away; May 13, W.P.I., home; May 27, W.P.I., away; June 2, Princeton, away; June 3, University of Pennsylvania, away.

Compton Reveals Faculty Promotions

Edward R. Van Driest Is New Staff Member

(Continued from Page 1)

Donald W. Taylor, and division of Graphics: Earle F. Watts.

Those advanced to the rank of assistant professor in the department of Mechanical Engineering are John E. Arnold, Edward L. Bartholomew Jr., Frederick R. Evans, Joseph Kaye and Deane Lent, department of Architecture: Dravieux Bender, department of English and History: Karl W. Deutsch, department of Metallurgy: Andrew L. Johnson, division of Graphics: Walter C. Eberhard, and Gerald Putnam, department of Biology: Kurt S. Lion, and department of Mathematics: George B. Thomas Jr.

A new appointment to the staff is that of Edward R. Van Driest, now a member of the staff of the University of Connecticut, who will join the Institute's faculty as assistant professor of mechanical engineering. He was graduated from the Case School of Applied Science in 1936, was awarded the master of science degree by Iowa State University in 1937, and his doctorate by the California Institute of Technology in 1940.

Members of the staff who will become instructors on July 1st in the department of Meteorology are Harrison E. Cramer, Leon F. Graves, David B. Moyer, and Richard C. Read, department of Mechanical Engineering: John C. Fisher and Gardner M. Ketchum, department of Physics: J. Rand McNally Jr., Frederick H. Anderson, of the department of Mechanical Engineering, is promoted to the grade of

New Swimming Schedule In Effect At Alumni Pool

A new swimming schedule has just been announced and is in effect immediately at the Alumni Pool. It is as follows:

MONDAY

12:00-1:00 P. M. Men only
1:00-4:00 P. M. Navy V-12 only
4:00-6:30 P. M. Men only
6:30-9:00 P. M. Mixed swimming.

TUESDAY

12:00-1:00 P. M. Men only.
1:00-4:00 P. M. Navy V-12 only.
4:00-9:00 P. M. Men only.

WEDNESDAY

12:00-1:00 P. M. Men only.
1:00-4:00 P. M. Navy V-12 only.
4:00-6:30 P. M. Men only.
6:30-9:00 P. M. Women only.

THURSDAY

12:00-1:00 P. M. Men only.
1:00-4:00 P. M. Navy V-12 only.
4:00-9:00 P. M. Men only.

FRIDAY

12:00-1:00 P. M. Men only.
1:00-4:00 P. M. Navy V-12 only.
4:00-6:30 P. M. Men only.
6:30-9:00 P. M. Mixed Swimming.

SATURDAY

12:00-9:00 P. M. Men only.

The Alumni Pool will not be open on Sundays, and the following holidays: New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas.

Spring Sailing Races Planned

Weekend Schedules Announced By Club

The schedule for the spring trophy races of the M. I. T. Nautical Association has just been released. The races will be divided into three groups with a trophy being awarded for each group. The Charton Trophy is open to all graduate student, staff, and alumni racing skippers. The Hayden Trophy is open to all undergraduate racing skippers.

The Vose Cup is open to all undergraduate racing skippers who have raced for the Hayden Trophy or who have demonstrated superior ability.

Those specifically eligible for this group have been listed by the Race Committee below: Fred M. Blatt, 2-46, Charles K. Bloomer, 2-46, Leigh A. Brite, 2-46, Thomas A. Boggett, 6-45, Robert V. Horrigan, 10-44, John H. Hughes, 6-45, Clifford S. Powell, 2-44, Jay R. Schwartz, 6-45, Robert D. Smith, 10-44, and George R. Worrell, 2-46. Future additions or subtractions to this list will be under the jurisdiction of the Race Committee.

Tentative Schedule

The schedule for the races, subject to revision, is as follows: Saturday racing on April 8, 15, 22 and 29, May 6, 13, 27, June 3 and 10. Sunday racing on April 16 and 30, May 7, 14, 28, June 4 and 11.

With the advent of spring and the interest in the races, it is expected that there will be an increasingly large number of sailors showing up at the sailing pavilion.

Technical Instructor. Those promoted to the grade of research associate are: A. Nelson Dingle, department of Meteorology; Stewart G. Fletcher, department of Metallurgy; and Richard E. Honig, department of Physics.

Cinder Track All Set Now Says Hedlund

Seven Game Schedule Includes N.E.I.C.3A Here; Brown, H-C On April 29

"We're all set to run on the cinders," was the theme of Track Coach Oscar Hedlund yesterday on Briggs Field, which is a little warmer these days; but the cool breezes off the Charles still keep the boys on their toes. "And I'd like to see everybody out here on Saturday afternoon when everything out here will be in spring shape," genial Oscar added with emphasis.

A schedule of seven meets for the cindermen was also released yesterday. And a dual meet here on April 29 with Holy Cross and Northeastern will probably lift the lid, which will stay lifted for every Saturday until June 10.

Last Year's Score

Last year Tech walloped Holy Cross and Brown in the season opener. Brown placed third in that triple meet. Looking through the records, we found few familiar names. We did see, however, that Captain Bud Bryant won the 880-yard jog in 2:05.0. Charlie Goldie placed second.

For the sake of the record, there is a correction on the scores of the Inter-Class Meet. The Class of 6-45 won with 66 points, and the 10-44 Class finished second with 59, not 69, points.

The schedule follows:

Holy Cross-Northeastern (here), April 29;
Phillips Academy, Andover (away), May 6;
N.E.I.C.3A. (here), May 13;
I.C.4A. (in Philadelphia), May 20;
Worcester Polytechnic (here), May 27;
Bates (here), June 3;
Williams (away), June 10.

Lacrosse Coach Sees Good Prospect

Coach Charlie Van Umberton sees a far better prospect in this season's Beaver Lacrosse Team than that of a year ago. Charlie says that with the 43 men now out, the V-12 lads in majority, he has the makings of a really excellent team. As practice drew toward the end of its second week the boys were beginning to shape up in preparation for their first game with the Boston Lacrosse Club.

Sport Becomes More Popular

Since Bill Cunningham's article entitled "Murder on the Lawn," Lacrosse has unjustly suffered as a sport, but it is now rapidly gaining popular impetus in assuming its role as a major sport.

Professor Soderberg Talks On Gas Turbine Research

The Naval Architectural Society meeting held last Wednesday afternoon was addressed by Professor C. R. Soderberg, who spoke on the subject of the gas turbine. He pointed out that although the principle of the gas turbine as a power plant was a very old one, a vast amount of research has been done on it in the last ten years and that there still is much to be discovered. He illustrated his lecture with slides which included a number of modern gas turbine installations.

Last Saturday twelve members of the Naval Architectural Society visited Robinson's Shipyards at Ipswich, Mass.

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Sons Of M.I.T.

This issue THE TECH takes pleasure in presenting the words and music of a new Technology song, "Sons of M. I. T." Written by John B. Wilbur, '26, Professor of Structural Engineering at the Institute, and arranged by Frank D. Gage, '22, "Sons of M. I. T." was first presented at the Alumni Banquet on February 26, where it won great acclaim. It is reprinted here from the March issue of the Technology Review for the benefit of those who have not yet secured copies of the music.

Words and music by John B. Wilbur, '26

Arranged by Frank D. Gage, '22

Moderato

Moderato

VOICE

A rise! more thy sons of M. I. T. in hood, er and re and thy full and
 Once more loy - al sons, oh of M. I. T. fut - ure beck - ons The And In life our bat - tle is - hied by line
 Oh Once Oh of sons, of M. I. T. gath - er here, on And In life our bat - tle is - hied by line
 When When When When When When When When When When When When

Chords: Bb, Eb, F7, Bb, D, Bb, C7

good, side, spread, A rise as you and we we raise our our

Chords: F7, Bb

steins on high; to night ev - er
 steins on high; to night ev - er
 steins on high; to night ev - er
 steins on high; to night ev - er

Chords: Eb, Bb, Eb, Bb

be these. A We And mem ry that will
 be these. A We And mem ry that will
 be these. A We And mem ry that will
 be these. A We And mem ry that will

Chords: D7, G7

nev - er die, Ye sons of M. I. T.
 days gone by, in Ye praise of M. I. T.
 from the sky, Ye sons of M. I. T.

Chords: C7, A7, Bb, F7