In four hundred invitations ali sent to girls from twelve col. in the Boston area, the Cath. Club is finishing arrangements to dance on Friday, August 17. Apple Arnold's eleven piece fl will provide the dance music at 8:30 till midnight in Morse and, weather permitting, the dance will also be open for dance. The tickets will cost $1.00 plus and may be purchased from F. Sullivan in Room 424-A of Graduate House, from Tom at the 5:15 Club, from Frank in room 412 of Hayden Dow and from the T. C. A. office. The first dance of the term is to all, and Navy liberty has extended till 12:00 o'clock to the V-12 men to attend. Men are particularly encour. to come in order to get ac- and to get dates for the Day Dance eight days later.

Sophomore and Juniors get moving Sophomores and Juniors will get moving for Field Day, which is scheduled for August 17.

K. Samp-.. w

Prof. Padelford Gives Sidelights On San Francisco Conference

Prof. Norman J. Padelford, who is to speak before the Combined Prof. ional Societies on August 1 on the San Francisco Conference, in an interview with a reporter from The Tech gave some interesting sidelights on his part in the work done at the momentous conference. Serving for two months in San Francisco, Dr. Padelford was originally a member of the Intern. Secretariat serving as one of the five Executive Officers of the Conference. His duties entailed making arrangements for the ad. ministration and organization of all phases of the conference. This involved supervision of the issuance of all documents, reports, proposals and amendments. As his tasks en- sued he came into close contact with the V-12 men to attend. Men are particularly encour. to come in order to get ac- and to get dates for the Day Dance eight days later. The Tech gave some interesting sidelights on his part in the work done at the momentous conference. Serving for two months in San Francisco, Dr. Padelford was originally a member of the Intern. Secretariat serving as one of the five Executive Officers of the Conference. His duties entailed making arrangements for the ad. ministration and organization of all phases of the conference. This involved supervision of the issuance of all documents, reports, proposals and amendments. As his tasks en- sued he came into close contact with the V-12 men to attend. Men are particularly encour. to come in order to get ac- and to get dates for the Day Dance eight days later.

Freshmen, Sophomore and Juniors get moving for Field Day, which is scheduled for August 17.

Sophomore leaders have planned a rally for August 17, which will be held in the Graduate House in Room 305. The rally will start at 4:00 P.M. and will consist of speeches, songs, and other activities.

SAE Hears Prof. Taylor Lecture On Gas Turbines

Prof. C. Fayatte Taylor, professor of automotive engineering, spoke on the subject of gas turbines before the Society of Automotive En- gineers at their last meeting, which was held on Monday, July 23, at 5:00 P.M. in Room 31-25. A dis- cussion was held after Prof. Fayatte's informal talk. In addi- tion to hearing the talk by Prof. Fayatte, the members of the S. A. E. led by their president, Harvey S. Freeman, 2-46, discussed plans for the coming term.

Official Notice

Students are requested by the Registrar's Office to examine preliminary lists of the Direct- ory of Students between July 30 and August 3 and report any errors they find on the cards provided to the office of the Registrar, Room 302. Lists will be posted in the Building 10 Lobby, Outside the Dormitory Office, in the Graduate House, in Building 3 on the bulletin board near Room 3-150, and in Building 33.
POOR SHOWING

"Infallible" Coach Oscar Hedlund will wait until the day before Field Day before he discloses his predictions on the outcome of the 47th annual struggle between the freshmen and the Sophomores; although Field Day is still 29 days away, we're going to beat Oscar to the gun and put our necks out with a prediction that the Class of 2-48 will have little trouble in becoming the twelfth freshman class to emerge from the battle victorious.

We haven't seen any of the teams in action yet, because practices aren't scheduled to start until next week. Our prediction is based on the miserable display of interest at yesterday's rally for the Sophomores and Class of 10-46 Juniors, as well as on our observation that most of the freshmen have shown more than a little spirit when the inter-class rivalry is discussed.

It seems as if only 50 members of the Sophomore-Junior group of well over 100 cared enough about Field Day to attend yesterday's rally. We'll let Oscar worry about predicting the exact scores, but if the Sophs (and Juniors) don't surprise everyone by going out for the various teams and making use of their advantage of age and experience, we'll stick by our statement that it looks like a freshman landslide.

SELECTIVE SERVICE

Pleading that Congress correct a situation "which has already placed this country at a disadvantage compared with other Allied Nations and promises . . . to be destructive to post-war prosperity," the New England Council recently asked for deferments for scientific and technical students. The Council opined that Selective Service is producing a serious dearth of trained men, and predicted weakening of the country's industrial structure because of a shortage of technical manpower.

The Council pointed out that both Great Britain and Russia, even in their darkest days, continued the training of young scientists and engineers. We think it's only a matter of common sense to realize that highly trained technical people can do much more for their country if they are given an opportunity to complete their training and use their skills to the fullest advantage; just look at the record.

The Massachusetts Institute of Technology
CAMBRIDGE, MASSACHUSETTS

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers the following Professional Courses:

SCHOOL OF ARCHITECTURE

Architecture City Planning City Planning Practice

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Biology and Biological Engineering
Options: Quantitative Biology, Food Technology and Industrial Biology

Geology
Options: Geology, Mineral Resources, Mathematics

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Chemistry
Industrial Statistics

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Physics
Options: General Physics, Applied Physics

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Aeronautical Engineering
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Chemical Engineering
Electrical Communications

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The duration of each of the above undergraduate Courses is four academic years, with the exception of Architecture, Physical Biology and the cooperative Courses in Electrical Engineering and in Mechanical Engineering, which extend over a period of five years, and Civil Engineering, which covers a period of six years. In addition, the Bachelor's degree, the above five and six year Courses, with the exception of Architecture, lead also to the Master's degree.

* Graduate study, leading to the Master's and Doctor's degrees, is offered in Ceramics, Meteorology, and in most of the above professional Courses.

A five year Course is offered which combines study in Engineering or Science, and Economics. This leads to the degree of Bachelor of Science in the professional field, and to the degree of Master of Science in Economics and Engineering or Economics and Natural Science.

For information about admission, communicate with the Director of Admissions.

The Catalogue for the academic year will be sent free on request.
Dorclan Initiates To Shine Shoes

Dorclan, the upperclass honoray society, has laid plans for the initiation of four new men during the week of August 5. The initiat es are: James B. Pickel, 6-45; Robert E. Scherr, 2-46; Donald L. Wrisley, 4-45; and Harvey S. Freeman, 2-46.

When interviewed by a reporter from The Tech, Henry Koermer, 2-46, president of Dorclan, invited Tech students to appear in the lobby of Building 10 on Tuesday, August 7, from 12:00 noon to 1:00 P.M. for free shoe shines which are to be given by two of the pledges. The other two pledges have been assigned to do a bit of photographic work, namely, "shooting" the numerous secretaries who appear on the Great Court every day around noon.

Hauser, Le Beau Explain Rubber Reclaiming

Professor Ernst A. Hauser and Dr. Ree V. Le Beau, both of the Chemical Engineering department, originators of the synthetic rubber reclamation process, were the speakers at the first-term meeting of the Institute chapter of the American Institute of Chemical Engineers, held on Wednesday, July 25, at 5:00 P.M. in Room 4-270.

Professor Hauser told how the program was formulated and how it happened that work on it was done here at the Institute. He then introduced Dr. Le Beau, who gave an outline of rubber reclaiming in general without revealing any of the details, which must still be cloaked by military secrecy since the process has largely been developed during the war.

Field Day (Continued from Page 1)

...ous athletic teams which take part in Field Day.

Practice for the Sophomore team will move into high gear on Monday, July 30, under the guidance of their various coaches. Oscar Hedlund, as usual, is working with the Sophomore relay team, while Theodore W. Henning, 2-46, is in charge of the Soph's swimmers. Richard M. Adler, 2-46, is managing the tug of war, Robert Goodstein, 2-46, is coaching the Soph's baseball team, and Theodore P. Henschling, 2-46, will be grooming the Sophomore oarsmen. David Black and Leigh Brite, both 2-46, will jointly coach the Sophomore sailors.

Track Time Trials For Field Day Set; 62 Frosh On Hand

With sixty-two freshmen already on deck, Track Coach Oscar Hedlund plans to commence relay trials for the Field Day competition a week from Monday. After the elimination of a number of aspirants, an intensive three-week training period will then precede the date of the Field Day races. Among the runners have been working little more than a week, promising talent among the freshmen has been displayed by Armstrong, Cleveland, Ellsworth, McCarthy, Smucker, and Thompson. Prominent among the ranks of the Juniors and Sophomores have been Anderson, Barber, Creek, Johnson, and Wilson.

Dorm Softball Activity Featured By Close Games

The six dormitory halls faced off against each other last Wednesday in the first games of the summer season. This afternoon at 5:00 o'clock Bemis is billed against the Senior House and Goodale will engage Walcott.

Today's results were marked by two hairline decisions, as Bemis nosed out Hayden, 4-3, with a four run uprising in the last round and Goodale edged out Wood, 5-4, with three tallies in the final frame. Walcott was returned an easy 8-2 winner over Munroe.

T.C.A. Appoints Division Managers

The Technology Christian Association has announced its Division Managers for the coming year. They will be Henry J. Dayton, 3-47, Manager of the Religious Action Division; D. Jerold Fritch, 2-47, Manager of the Office Division and Director of the Book Exchange; Norman H. Holland, Jr., 2-47 and Daniel R. Vershov, 6-45, co-directors of the Drive; and Samuel Gusman, 546, Manager of Publications.

B. K. Softball Tourney Begins

Five Leagues Formed; Games On Briggs Field

With more than twenty teams entered, the Beaver Key Softball Tournament is scheduled to get fully under way next week. The present arrangement finds the entries lined up in five different groups, or leagues, so that each team will compete at least three times before being eliminated from play. The winners in the five separate divisions will then clash to determine the tourney winner.

All games this year, which are slated at 6:30 on week nights, will be played on the fields between Briggs Field and Memorial Drive. By mutual agreement, however, games may be rescheduled by the participants or played on available fields. Briggs Field other than those specified.

In the classification of teams into leagues, five teams were seeded, while the rest were divided merely by chance. The defending softball champion is Phi Gamma Delta.

The plan for unlimping the games is so devised this year that the burden will be shared equally by competing teams. Each contestant has been scheduled to officiate at particular games between teams in the same league as the organization which the umpire represents.

4000 Blood Donations Made Through T.C.A.

After only seventeen months, the T. C. A. Blood Donor Service has passed the four thousand mark. Paul M. Chalmers, of the staff; R. S. Bevans, Stanley Kingsbury, and William Klem of the D. I. C. each have contributed two gallons of blood. Thirty-five staff members and fifteen students have given one gallon each. All those wishing to make a contribution should make an appointment at the Blood Donor desk in the Information Office.

WANTED

MEN of ambition who will spend one afternoon a week contacting advertisers.

Apply AT THE TECH Business Office Thurs. or Fri. afternoons after 4:00 P.M.
Cast Announced For Dramashop Stag Production

The cast for the Dramashop summer production, "Arsenic and Old Lace," has been announced. Presentation of this Broadway comedy to the public will take place on Friday and Saturday evenings, August 17 and 18, at 8:30 P.M. in the New England Mutual Hall.


Connor is the General Manager while Laurent P. Michel, '24, has been elected secretary-treasurer. Brenner is business manager and Siebert is stage manager. The entire production is under the supervision of Professor D. M. Fuller, director of Dramashop.

Tickets will go on sale shortly at the T.C.A. information office or they may soon be purchased from any Dramashop member.

Plan Record Buying For Burton Room

$200 Appropriated
By Dorm Committee

The appropriation of two hundred dollars for the purchase of records for the Burton Room was announced at the regular meeting of the Dormitory Committee last Monday. The obtaining of several new magazine subscriptions was also planned. Later, a possible acquaintance dance to be held in the vicinity of Field Day was discussed.

Progress was reported in the present Ping-Pong tournament. Elimination matches are now being played, and the finals will take place about the middle of August. Interest in the Inter-dorm Softball games has been shown, and funds were approved for the purchase of new equipment.

It was stated that the dormitory music room would be open for use by students between 10:00 A.M. and 10:00 P.M.

Tau Beta Pi Plans Smoker On Tues.
To Meet Prospects

Tau Beta Pi, national honorary engineering fraternity, will hold a smoker next Tuesday at 5:00 P.M. in the 5-15 Club Room, for the purpose of becoming more closely acquainted with the prospective members of the society—The Juniors and Seniors who have met the preliminary requirements by maintaining a high scholastic average and at the same time participating in extra-curricular activities.

New members are to be chosen from the Juniors who are scholastically in the upper eighth of their class, and from the Seniors who are in the upper fifth of their class. The new pledges will be announced next week in The Tech.

Edward M. Kosower, 2-48, Wins $240 Scholarship in Science Talent Search

Each year the Science Club of America and the Westinghouse Electric Corporation sponsor a Science Talent Search for high school seniors. Among the members of the freshman class are five of the forty winners.

To enter the contest, the high school seniors must pass a three-hour test on the sciences, mathematics and logic, administered by his school, write a one-thousand-word essay on some phase of science, obtain a high school certificate of grades, and get written character references from his school, and have the school mail all information to the Science Club of America, Washington, D.C.

Forty winners, selected on the basis of their test scores and essays, receive an all-expense tour of Washington. This year the tour was held from March 2 to 6, during which time the winners got shown around Washington, met Mrs. Roosevelt and Vice-President Truman, held science discussions with famous scientists, and had private interviews with the judges for the purpose of determining the top ten winners.

The top boy winner and the top girl winner received $2400 scholarships to college, each. The eight next highest winners received $400 scholarships each. The other thirty received $100 scholarships each. These awards were donated by the Westinghouse Electric Corporation, and the formal presentation of the winners of the awards occurred at a very elaborate banquet attended by six hundred guests (mostly scientists) in the Presidential Ballroom of Washington's Hotel Statler.

The top boy winner is Edward M. Kosower, of Brooklyn, N. Y., who came to Tech this year from high school in his home town. He is a science major. His essay topic was, "On Willingness Synthesis."

Jerome Blackman, also of Brooklyn, was one of the eight $400 winners. His essay topic was, "On A Graph," and it was about a scheme of graphs which worked out himself. He is a science major.

John F. Moore, of Scotia, N. Y., was one of the $100 winners. He was born in London, England, but came to the United States when he was six. He has studied chemistry, physics, and mathematics at school and college and has worked in a chemical manufacturing business, specializing in organic chemicals. He sold chemicals here and abroad to research laboratories, universities, etc. He has been an assistant in chemistry and his essay topic was, "Model Graph Synthesis."

The top girl winner was Dorothy Harper, of Hartford, N. C. She is a junior at Tech and was born in Hartford, Conn. She has spent the past two years at school and has worked in the field of chemical manufacturing business, specializing in rare chemicals. She sold chemicals here and abroad to research laboratories, universities, etc. She has been an assistant in chemistry and her essay topic was, "On Graphs." She has worked in a chemical manufacturing business, specializing in rare chemicals. She has been an assistant in chemistry and her essay topic was, "On Graphs."