

TECHNOLOGY NEWS

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ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

MAY 6, 1941

Sixty-two I.I.T. Students Qualify In Navy Reserve

Educational Records Must Be Sent

From the Bureau of Navigation in Washington, D. C., Dean J. C. Peebles recently received a letter which stated in part:

"A number of your students who expect to be graduated in the near future have submitted applications for appointment as Ensigns in the Navy Reserve engineering special service without attaching a transcript of their educational record. It is absolutely necessary that this transcript be a part of the application, in order that I may determine the most advantageous assignments to duty. It is, therefore, requested that you furnish me with the transcripts of their educational records with the least possible delay."

The students to whom the letter refers are those who have qualified in regard to physical and other requirements.

The IIT students who have qualified are as follows: Howard Ingersoll Allen, Jr., Paul Henry Buerckholtz, Leo Cutaia, Walter F. Cunney, Emil A. De Boo, Lawrence Douglas, Robert Wm. Felber, R. W. Gruetzmacher, William Groen, Gerald Golden, Wm. H. Grosse, Wilbert H. Hackbarth, Richard L. Hanneman, Joseph W. Hasskarl, Russell R. Hoffman, George Edw. Hoff, Earle G. Huxhold, Peter B. Jasis, Roy H. Kalas, Edwin A. Koziol, Wm. S. Kozica, Wm. E. Loben, Walter Powell, James Edw. Partlow, Milton F. Pleva, Paul M. Sandusky, Robert A. Sundstrom, James Wm. Swedler, William F. Vizard, Ed-

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JUNIOR WEEK

TUESDAY

Whisker Contest, 1 p.m.
Pentathlon — Lettermen and Non-lettermen, 1:15 p.m.
70-yd. Dash, Low Hurdles, Shot Put, Mile Run, High Jump.
Open House, 7 p.m.
Lewis Skit, Auditorium, 8:30 p.m.

WEDNESDAY

Open House, 1 p.m.
Lewis Skit, Auditorium, 8:30 p.m.
Dance, Auditorium, 10 p.m.

THURSDAY

Freshman-Sophomore Baseball 9 a.m.
Junior-Senior Baseball 10 a.m.
Interfraternity Track, 11 a.m.
Baseball—Winners of 9-10 a.m. Game, 1:15 p.m.
Faculty-Senior Baseball, 2 p.m.
Spring Concert—Interfraternity Sing, 8:30 p.m.

FRIDAY

Greased Pole (All Students) 9 a.m.
Pie Eating Contest (All Students), 10 a.m.
Pageant-Interfraternity and Interdepartmental, 10:30 a.m.
Tug-o-War (Juniors and Seniors) 1 p.m.
Freshman-Sophomore Rush 2 p.m.
Award Presentation, 2:30 p.m.
Junior Informal Dance, 9 p.m.



Pres. H. T. Heald

Welcome To Open House

The students and faculty of Illinois Institute of Technology take great pleasure in welcoming you to our annual Open House.

Some of you may not realize that Illinois Institute of Technology enrolls more students in engineering than any other college in America. Over seven thousand regular students are being served this year in day and evening classes, while through the co-operation of the United States Office of Education, more than three thousand additional students are enrolled in part-time engineering defense training courses.

These important services now in progress provide a sound basis for the creation of an outstanding "Technology Center" to serve the youth and the industry of this community. The Board of Trustees is now actively at work on the development of the new buildings, the new facilities, and the increased income which will permit a greatly enhanced program of education and research in the years to come.

We trust that your visit to the Armour and Lewis plants of Illinois Institute of Technology will be a pleasant and profitable occasion, and one from which you will derive an increased interest and a new faith in the future of the youth of America.

(signed) Henry Townley Heald

President, Illinois Institute of Technology

Labor-Capital Harmony Stressed By Meade At W.S.E. Assembly

Complete cooperation between labor and capital is a vital necessity in time of a national emergency. Martin P. Durkin, Director of the Illinois State Department of Labor, was previously scheduled to discuss this topic at the meeting of the Western Society of Engineers on May 2. Mr. Durkin was unable to attend the meeting because of important business matters. However, he sent his associate, Dr. Meade, to deliver the address. Dr. Meade has been associated with Mr. Durkin for a period of five years and is well versed in labor relations.

The speaker stressed the fact that our national defense program must not be slowed down by labor difficulties. President Roosevelt's gigantic program requires the unification of capital and labor if it is to succeed. Both factions have been attacked by public opinion because of unjust actions which have been demonstrated on the part of each. Capitalists are demanding that strikes be outlawed and that the wage and hour laws be abolished. They claim that this

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ARMOUR HOST TO CHICAGO A. I. E. E.

(picture on page three)

The Chicago chapter of the American Institute of Electrical Engineers of the student branches of Illinois Institute of Technology and the Northwestern Technological Institute met in the Student Union on last Thursday, May 1, for the oral presentation of three student papers.

Nelson B. Tharp of Northwestern was the winner of the first prize of \$15. The title of his paper was, "A New Means of Secret Radio Communication". Second prize of \$10 was taken by another Northwestern man, Anthony G. Linowiecki, whose topic was the "Capacitive Strain Gauge". Meyer Pollack, IIT student won third prize with his presentation of a shortened procedure in calculating the equation of a non-sinusoidal wave by Fourier series. Cash awards were made on the basis of originality, quality, and manner of presentation.

Freshman Scholarship Exams Attract 275 To South Campus

275 nervous candidates took the 1941 freshman scholarship examinations at 9 a.m., last Saturday, May 3. The candidates reported to room 305 and 500 where the written tests took place under the supervision of assistant professors W. M. Davis and H. A. Giddings. At the conclusion of the written tests the aspirants were guests of the Institute at a luncheon held in the cafeteria where they were addressed by President Heald and Dean Peebles. The results of the examination will be announced in two weeks.

Personal Interview Given

Award of scholarships is based on a personal interview, and a written examination. The candidate's ability in English expression and his personality are judged at this interview. His ability in mathematics, physics and chemistry are told by the written tests. The scholarship committee is presided over by Professor S. E. Winston with associate professor W. H. Seegrist acting as secretary. Other members of the committee are S. F. Bibb, W. W. Calvert, H. W. Davey, H. A. Giddings, W. R. Kanne, W. E. Kelly, W. J. McLarney, A. L. Mell, E. F. Murphy, M. J. Murray, J. C. Peebles (ex-officio), D. F. Peppard, R. M. Sanford, S. M. Spears, and C. A. Tibbals (ex-officio).

Experience shows that a large percentage of the candidates will eventually become members of the student body. The scholastic and extra-curricular records of the past five scholarship winners stand as eloquent testimony to the ability of the freshman scholarship committee.

The family of the late Edward Mock, 5A co-op, wish to thank the students and faculty members of the Institute for the many comforting and kindly messages they received, especially from the members of the co-op department, Theta Xi fraternity, student branch ASME, 5A co-ops, and Pi Tau Sigma fraternity.

Mies van der Rohe, Arch. Dept. Head, Designs New I.I.T. Campus

(pictures on page two)

More complete plans for the new technological center were announced by Illinois Institute of Technology. The twelve million dollar building program is scheduled to get under way some time during the summer.

Junior Informal To Exploit Male Limbs

At long last the male limb is coming into its own! So has the junior class resolved, for at the coming Junior Informal, a contest will be held to determine the possessor of the most shapely masculine leg. The veil of false modesty will be torn asunder, exposing in all its glory those curvaceous, hairy, blue-veined beauties.

The contest will not be judged by a rank amateur, nor by an unenlightened novice. Miss Bea Mathews, one of the stars from Michael Todd's Theatre Cafe, will preside, and it will be she, with her wealth of experience and deep philosophical nature, who will judge the leg that stands supreme. Miss Mathews is a judge of no mean ability, for 'tis said that she herself is the owner of the most gorgeous pair of legs to be found within the confines of Mayor Kelly's empire. The grand award to be presented the winner of the contest will be a lovely pair of blue garters.

All this will take place on May 9, at the Junior Informal which will be held at the Shawnee Country Club. Bids are \$1.50. Music will be supplied by "Toasty" Paul and his orchestra. The country club is located in Wilmette, on the north shore of Lake Michigan.

OPEN HOUSE TO HAVE FLOOR SHOW

As their contribution to Armour's Open House program, Lewis students will present the First Annual Varsity show. Arrangements have been made to present this show in the Student Union auditorium, both Tuesday and Wednesday evenings at 8:30 p.m.

In order to better acquaint the guests of Armour with the functions of the arts and science division, the show will progress through the famous merger of Armour and Lewis to a humorous survey of the various departments of the arts and science division.

Another item of interest will be an original interpretation of engineering students as seen through the eyes of three liberal arts students, Jack Halloran, Bob Meyer and Jimmy Lombardo. Introducing the finale, the trio will sing *Manana*, and the entire company will join in the dance. Bernice Silver will play the accompaniment for the entire show.

Most of the music and all of the arrangements are student written. Jimmy Lombardo wrote the IIT song to which a student chorus will dance. Mary Flasher and Jane Goelet collaborated in writing *Juba Jive*, and *Me Without You*. Jane, Mary and Alda Kairis arranged the harmony for their trio numbers. *Me Without You*, a song written especially for the students of IIT, which will be sung by Jane, will include the version taken from a *Technology News* column . . . Blitzkrieg Students of both campuses will be taken to task in this version.

The group of new buildings has been designed by the architectural department under the direction of Ludwig Mies van der Rohe, the distinguished European architect, who now heads that department of IIT. A model has been made of the new center, and has been on exhibition for the past week at the Sherman hotel. The campus



Mies van der Rohe Thirty-second street on the north.

The fundamental principle behind the design of the new buildings will be that of modernity in the manner that Frank Lloyd Wright has developed. The open plan, as it is called, gives the feeling of working in space. This is achieved by having open, unenclosed, first stories in six of the twelve buildings planned.

The steel skeleton, which was first developed in Chicago, will be applied to the long, low buildings, the tallest of which will be eighty feet high. All twelve buildings are to be of this type of construction — steel skeletons, faced with brick and glass.

Each branch of IIT will have its own building. The various engineering departments, plus those of architecture and physics will be to themselves. The architectural and metallurgical departments will be housed in buildings 300 feet long by 90 feet wide. The exterior of these buildings will have a seven foot base of buff brick.

Each building will have what might be called a flexible hall. It is flexible in the sense that it will have no walls. Movable wooden screens, or walls, will separate the building into classrooms. The faculty offices will be contained in a gallery suspended from a ceiling. This gallery will be enclosed.

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"Book Of The Month" Selects Hayakawa's Book For Circulation

Professor S. I. Hayakawa, assistant professor of English at Illinois Institute of Technology, has recently had the honor of having his book "Language in Action" selected for distribution by the Book of the Month club. A quarter of a million copies will be printed.

This book is primarily a study in semantics, the science of the thought behind words. "Language in Action" has been used this year by the freshman classes at IIT in paper bound mimeographed form. However, many additions have since been made, and the new edition will be cloth bound. The selection of this book is a distinct honor, both to Dr. Hayakawa and to Illinois Tech.