TECHNOLOGY NEWS

Volume 49, No. 6 | Illinois Institute of Technology, Chicago 16, Illinois | October 28, 1949

CUTE WITCH Carol Glennie awai's last minute ghouls purchasing Halloween Hop tickets in North Union lobby.

'Hop' tops an all-out Halloween weekend

Halloween dances will attract more than 450 Illinois Tech couples over the weekend. The majority of these couples will attend the sophomore class dance in the NU auditorium tonight and fraternity dances on the Row Saturday evening. In addition a large school turnout is expected at the Newman club's Halloween dance at St. Paul's hall, 22nd place and Hoyne, Saturday.

Dominick Jaconetty's band has been engaged by the sophomore class for their Halloween hop in the North Union. The dance will begin at 8 p.m. tonight. Tickets, forty cents per person, are on sale at the booth in the NU lobby today.

For the first time at a school dance, busses will be used to transport nurses from Michael Reese and St. Luke's hospitals under the newly set up ITSA plan. Steve Valovic, sophomore social chairman, announced that a special host committee has been formed to welcome and distribute the imported women when they arrive.

The whole North Union has been turned over to the dance, which is an all-school affair. The auditorium will be open and refreshments will be served.

"A unique half-time program has been worked out that is definitely not run-of-the-mill entertainment," Ted Spath, sophomore president, stated. The other officers are: Bob McCue, vice-president; Lou Marn, treasurer; Kara Kern, secretary; Steve Valovic, social chairman.

A full slate of dances will keep Fraternity Row alive Saturday night. All the houses are having parties, many of them costume affairs. Triangle is running an outdoor party at Harms Woods.

The Newman club's Halloween dance will get under way Saturday at 8:30 p.m. in St. Paul's hall. Tickets cost 75 cents and may be purchased in the NU lobby, from Newman club members, or at the door.

Auction hammer bangs to start public bid Friday

A public auction will be held next Friday morning at 9:30 in the SU lounge. All unclaimed articles from last spring's lost and found will go under the hammer to the highest bidder.

"This should prove to be a lively auction because of the wide variety of merchandise being sold," said Commissioner Cliff Nelsen. "There are several boxes of books, class notes, notebooks, hats, pipes, coats, gloves, pencils, and pens, just to mention a few items. If there is anything you need, come to the auction next Friday and buy it. This is a sale no one should miss."

Last year's auction saw books, and pens selling for a small fraction of their original cost, with a sizeable revenue being turned over to ITSA.

List Tech commuter champs

A record for long-distance college commuting is claimed by members of an evening class in theory and design of hydraulic torque convertors here at school.

Myron Schall, of Toledo, Ohio, a hydraulic transmission engineer, takes a nine-hour, 470-mile train ride to attend the three-hour class and return home every Wednesday night.

It takes Ralph King of Peoria, Illinois, research supervisor of fluid mechanics for the Caterpillar Tractor company, two hours and forty minutes to travel the 157 miles each way by train. Four other members of the 17-man class drive 100 miles weekly from Rockford, Illinois.

The course is given by Dr. Wilhelm Spannhake, eminent German specialist in the design and construction of turbomachinery, who joined the Illinois Tech staff this year.

Since coming to the United States two years ago, Dr. Spannhake has been senior scientist of the David Taylor Model Basin, Bureau of Ships, Washington, D. C. From 1921 to 1947 he was staff member of the Karlsruhe Technische Horhschule as professor of hydrodynamics.

Integral rates "tops" in yearbook judging

The 1949 edition of Integral has been awarded an All-American rating by the National Scholastic Press Association, Gene Rezabeck, editor of the 1950 yearbook, announced this week. All-American honors are the highest rating conferred by NSPA in its annual critical study of collegiate yearbooks.

Scoring excellent or very good in every department, the Integral placed easily within the highest group in its classification. It was judged comparatively with yearbooks published by colleges of 2500-5000 enrollment. A total point score of 3255 was recorded against this competition.

SPEICHER

"News of the All-American rating is pleasing, particularly since it is the first received by the Integral in many years," Leonard Speicher, '49 editor stated.

"I would like to express thanks to the exceptionally fine staff and the cooperation of the student body," he added. "We have proved that, backed by sufficient funds, an annual that will appeal to the student body and have technical merit as well can be published at Illinois Tech."

Speicher predicted that "the 1950 Integral will match the honor which the '49 work received." Meanwhile, according to word from present editor, Gene Rezabeck, work on the current yearbook is being pushed ahead satisfactorily with the pasting up of senior graduation pictures.

The NSPA scorebook which is sent out with the rating contains a complete breakdown of all the conventional departments of a collegiate yearbook and evaluates each one separately.

Two aims are served by the NSPA's critical study. It gives an indication of how the yearbook compares with other collegiate annuals through the point score and honor rating and provides the staff with leads on what departments and techniques need improvement.

Women cop high grades

The women, bless 'em, have unexpectedly appropriated a new domain at Illinois Tech. Techawks who are indifferent to the rapid influx of women may well view with alarm the latest trend indicated in these "figures."

The 83 women attending IIT compiled a composite grade point average which, compared to the overall men's total of 1.484, dispels any doubt as to where the blame for raising class averages belong.

Sorority women racked up a 1.624 average while the remainder of the female contingent contributed a lofty 1.698. Phi Beta Pi led all sororities with a 2.00 mark, followed by Delta Zeta, 1.744, Kappa Phi Delta, 1.702 and Sigma Kappa, 1.381.

Revelation of this great scholastic proficiency came as a surprise and shock to some quarters where the gals' other attainments had long been recognized. One scurrilous and discredited explanation is that the women's grade point margin was gained through deliberate distraction of the males and consequent lowering of their averages.

New 'gas house' takes final shape

By Alan Plait

The Institute of Gas Technology's new two-story laboratory and administration building at 34th and Dearborn is fast assuming completed proportions. Kyle Knilans, superintendent in charge, stated that all maior duct work and most of the outside masonry will be finished by Monday.

Partitioning of room space has been deferred in order to finish work on window emplacements. Windows were on hand Monday and will be installed next week.

The large black bar hanging from the ceiling at the east end of the main floor is not a lighting fixture as most students believed. It houses a large bus bar that will facilitate tapping off current to experiment machinery.

In comparison to the average floor space in the power plant, the basement of the IGT building seems gargantuan in proportions. The overhead is lined with ventilation ducts as well as piping. In relation to pipe fitting tools, there are a variety of instruments being used. There is a machine called the "Pipe Master" that threads, reams or taps pipes up to two inches in diameter. Working on the principle of an ordinary lathe, it combines hand and electric power to make this job much less tiring.

The building has undergone the usual ditch-digging plague that hit the campus several weeks ago. Steam pipes have not been allocated to the district as yet; this will be one of the final operations on the building. It is expected to be finished by February, 1950.

Photo club men starting classes for community

Armour Eye, IIT's photo club, is sponsoring a program to organize a photography club at the Ada S. McKinley Community house. Tentative plans call for utilizing one room for a studio and a second for a darkroom. Mr. Hammond, executive director of the house, has stated that there is already considerable interest in photography among the young people of the neighborhood.

Volunteers are sought to donate time in the rebuilding of the club rooms. Those interested should contact John Pretto of Armour Eye. Any equipment in the form of darkroom accessories and supplies will be gratefully accepted.

Magnetized stockings a new spy aid

Marvin Camras, physicist in charge of magnetic recording research, is usually reluctant to discuss the latest developments in the field, and especially the phase on which he is working at any given time.

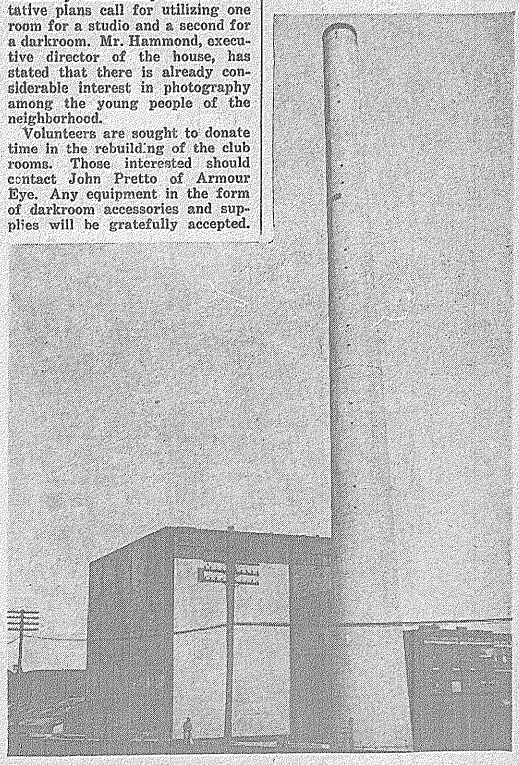
Asked recently what could be expected next from his laboratory, Camras said, "Well, it's actually a device for spies."

Then he elaborated, 'It's a stocking. It will look exactly like a nylon stocking, but the catch is it will be made of very fine wire. The finest wire you can imagine. You run that wire on a recording machine and put anything on it you want. Then you knit the wire into a stocking. Better still, a pair of stockings."

"A blonde puts on those stockings, looks innocent and helpless, and walks through the Iron Curtain or any other kind. On the other side they unravel the stocking and play back the record."

"Well, it's possible," he commented.

Permission has been granted to publish this story from ARF News.



IIT'S POWER PLANT, partially completed, is viewed from the Rock Island tracks, looking northeast. The chimney majestically rises 130 feet above the three-story building at 35th and Federal streets.