

Pre-registration starting

Pre-registration for next semester will start Monday and end December 3, Raymond D. Meade, registrar, announced early this week. Undergraduate day division students now in attendance who are planning to continue in school next semester are scheduled to consult with faculty advisers and to complete pre-registration procedures during this period.

"Slight modifications in the counseling plan," Mr. Meade said, "should result in considerable improvement in procedures."

"First-semester freshmen are to consult with their regular freshman advisers, but all other students, including second-semester freshmen, are to be counseled by department advisers. Each department is responsible for organizing counseling arrangements for its majors."

A bulletin prepared by the registrar's office, which gives a list of all courses to be offered next semester, is now being distributed from several points on the campus. Directions for completing

(See OFFICES on page 4)

TECHNOLOGY NEWS

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November 12, 1948

Elections scheduled

Freshman honorary to be installed

The Illinois Tech chapter of Phi Eta Sigma, national freshman fraternity, will be formally installed Wednesday, according to Robert S. Miller, acting chairman. The installation will take place at Marty's restaurant preceding a formal banquet.

The inflation ceremony is to be conducted by Warren Brown, dean of students at the Navy pier branch of the University of Illinois.

Following the installation of the chapter, 17 charter and five honorary members will be inducted. These honorary members include: Henry T. Heald, president of IIT; John T. Retaliata, dean of engineering; John F. White, director of the IIT development program; John D. Larkin, dean of liberal studies, and Eugene Pare, assistant dean of students.

Of the charter members five are ChE majors: Leo J. Domzalski, Edward Machel, Robert S. Miller, John J. Shefcik, and William C. Smith; three are EE's: Harry J. Hummel, Frank B. Sikorski, and John W. Scannell; two are Chem's: Sidney Schiff and Robert H. Sherman; two are ME's: John A. Carlson and Frank Holwax; two are majoring in physics: David D. Saks and Arnold A. Strassnberg; one is a math major, Werner L. Frank; William U. Kehoe is an Arch, and Robert J. Masur is a CE.

Eligibility for membership to the fraternity is based solely on scholarship. All freshmen who earn a scholarship average equivalent to or better than 2.5 can be elected. During this period the individual must carry a minimum program of 13 hours or 12 during a Summer season

Nomination petitions available Monday

Class officers for the spring semester will be elected by the student body December 15 and 16, Bob Shuldes, chairman of the ITSA election committee, announced this week.

The offices open to election are president, vice-president, secretary, treasurers and social chairmen of all four classes.

Nomination petitions will be available in the ITSA office in the South Union after 12 noon Monday and must be returned to Dean Pare's office on or before December 3.

In order to have his name on the official class ballot, the nominee must submit an approved nomination petition according to the rules laid down by the election committee.

"Petitions must be returned with 25 signatures of those eligible to vote for their nominee," said Shuldes. "This means that no man may sign the petition of a nominee unless both are in the same class."

Shuldes pointed out that petitions having less than 25 names of

different eligible voters and petitions not issued by the election committee will be returned to the nominee for correction. He also stated that names will be put on the ballots in the order of the approval of the nominees' petitions.

"All students in good standing with the Institute are eligible for nomination and election," Shuldes concluded.

This election will determine the class officers for the spring semester, consequently fourth termers will vote on the junior ballot, sixth terms will vote on the senior ballot, etc.

Seniors elect their officers for one year rather than one semester. Students graduating in January and June are therefore ineligible to vote in this election since their officers have already been installed.

The election committee hoped to obtain voting machines for the election but a clause in the ITSA constitution prohibits their use. If this clause were repealed, they feel that student interest in the machines would not only stimulate a larger vote but would serve to acquaint the students with its operation in civic elections.

Although no voting booth locations have been definitely announced, the committee has tentative plans to use either the executive conference room or the east dining room for this purpose. They believe a separate room for the elections will tend to stop the electioneering practices prevalent around the booths in previous elections.

Newmans plan barn dance

Barn dancing will highlight the Newman club all-school picnic being held November 20 at the 55th street promontory.

Along with a barn dance caller, the club promises a variety of music for ballroom dancing. Tickets are available from members of the club or at the door the night of the picnic.

The Reverend Father Sheehan has been chosen guest speaker for the November 17th meeting to be held at 5 p.m. in 101MC. His topic will be "Modern Popes," a subject on which he is a recognized authority.

Dolnick rips T-H bill

Free collective bargaining has been deterred in almost every respect by the Taft-Hartley law, stated David Dolnick, consultant on collective bargaining to trade unions, at an assembly sponsored by the Business and Economics club Wednesday.

He gave as the principal reason for this statement the complexity of the bill, which he said has created misunderstandings, confusion, and inhibitions in employers making known their interests and demands.

Mr. Dolnick stated that no one understands the Taft-Hartley act, including the authors of the bill. "Lawyers wrote it—lawyers who know nothing of economics, politics, human or industrial relations. The provisions of the law are far too technical and legalistic," he added.

"The closed shop, which the Taft-Hartley bill outlaws, is the best type of shop in many trades," stated Mr. Dolnick. "In a trade in which the skills required are very high, such as broadcasting or printing, with a related shortage of skilled workers, employment is usually accomplished through the union. Close cooperation is required between

the union and management in training of new men in these trades. This law has made such practice illegal."

"A well-known Chicago newspaper," he continued, "which supported passage of the bill over the President's veto, now finds itself in difficulty because of the law. This newspaper, as well as the others, would be happy to institute the closed shop in its plant. But this is now illegal, and so the newspaper strike continues."

He refuted the argument that the Taft-Hartley bill accepts the union shop, in which a man must join the union within a certain period after accepting employment.

"What kind of a 'union shop' can we call it?" he asked. "A man that is found dishonest, antagonistic, or otherwise unfit by the union and so expelled, cannot be fired by management if he simply continues to pay dues. Is this right?"

The Taft-Hartley law is a "swing of the political pendulum," Mr. Dolnick stated, and punishes the entire labor movement for the past unfair practices of a few unruly unions.



THAT BIG RED ribbon around Arlene Edwards' finger is to remind her that the sophomore dance, "Autumn Leaves," is coming off tomorrow night at the Lake Shore club. Eddie Rice's orchestra will provide the music.

'Autumn Leaves' fall tomorrow night

The sophomore class will present its annual dance, Autumn Leaves, tomorrow evening at the Lake Shore club, 850 N. Lake Shore drive.

The musical setting will be provided by Eddie Rice and his eight-piece orchestra, featuring Sylvia McCabe on the vocals. Cliff, Don, and Hoagy, local comedy trio, will furnish the intermission entertainment. The dance will be an informal affair.

Bookstore GI deadline tomorrow

Veterans are reminded that the bookstore will not accept any requests for purchases of books and supplies after tomorrow. The only exemptions are veteran students whose instructors have placed orders before the deadline date.

According to Paul Fox, bookstore manager, the business office of IIT requests this action due to the "many thousands of order vouchers that have to be billed and sent to VA" in order that the school may receive proper returns.

After the deadline, supplies must be purchased on a cash basis.

"Bids have been sold to 200 couples, but we can accommodate a few late comers," announced Bill Comis, social chairman. The dance booth in the South Union will remain open all day today for the sale of bids. They can also be purchased from class officers and members of the dance committee.

Class officers are Dick Roberts, president; Joe Bass, vice-president; Pat Nash, secretary, and Sherman Roberts, treasurer.

The dance committee includes Lee Jacobson, Earl Pridmore, Kenneth Koch and Lee Richards.

Professional engineering law set for discussion

The Illinois Professional Engineering act, of importance to most engineers in the state, will be reviewed by Arthur M. Kaindl, structural engineer and member of the Illinois legislature, for the members of the ASCE Thursday at 1 p.m. in the CB auditorium, it was announced Monday by John P. Tansey, president.

Because of the significance of the topic, Tansey and the ASCE

are extending an invitation to all students to join them in this meeting. Mr. Kaindl will discuss the act in all its aspects, the contemplated revisions, and its administration.

All students who expect to practice as professional engineers are vitally affected by the enactment of this law, and since the majority of states have similar statutes on their books, students will encounter like situations wherever they work. Reciprocity agreements between the states will also be explained by Mr. Kaindl.

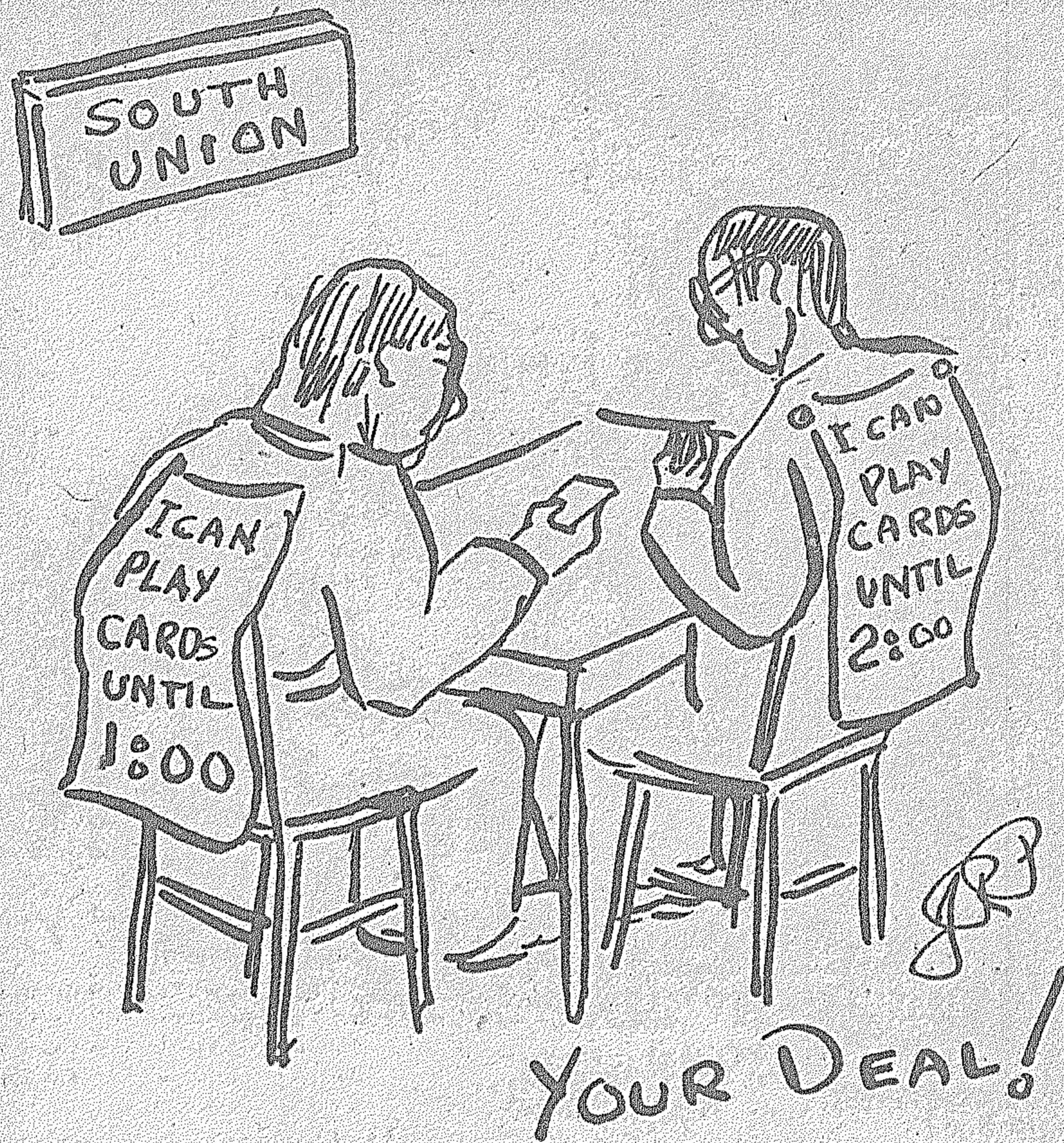
Mr. Kaindl received his BS in mechanical engineering at Lewis Institute in 1910. He has been a member of the Engineering department of the City of Chicago since 1924. In 1932 he was elected to the Illinois House of Representatives, where he has served until the present time. He served in World War I as a lieutenant in the Coast Artillery and now is a member of the Western Society of Engineers and the Illinois Society of Professional Engineers, as well as various veterans' and service organizations.

Mixed chorus rehearses for holiday program

The Women's chorus and the Glee club held a joint rehearsal last night to prepare for the annual Christmas program December 16.

The clubs will sing "Break Forth, O Beauteous Heav'nly Light", by Bach, "Kyrie Eleison" from "In a Monastery Garden", by Albert Ketelby, and "The Shepherd's Story", by Dickinson.

The Women's chorus is composed both of secretaries and students, according to O. Gordon Erickson. He invited anyone interested to be at the next rehearsal Thursday at 5:15 p.m. in the NU auditorium.



Letters to the Editor

Bedlam reigns in Chemistry basement, writer charges

To the Editor:

As intolerable as the lighting situation in the basement of the Chemistry building is, another condition exists which is even worse. I am referring to the utter lack of consideration on the part of individuals and groups of individuals towards fellow students vainly trying to study in the room.

It is obvious that a large number of chemistry and chemical engineering students, by far the majority who use the basement, find it convenient and often essential to study there.

It makes little difference what the room was originally set aside for; it has evolved into a study hall because many find it expedient with most of their classes and a large number of their classmates in the building. At the peak periods of the day only the library is uncrowded and it is about ten minutes away.

But in spite of the obvious, a number of students feel that they have the license to make a bedlam out of the place merely because it has not been delegated as a study hall. I have no objection to card games or conversations, but I have got a bone to pick with those thoughtlessly fighting and unnecessarily shouting while I attempt to study. No one expects the room to have a study hall atmosphere, but certainly the distractions should not be so loud that any kind of study is impossible. If the right kind of attitude can't be adopted voluntarily, perhaps it would make an even better subject for a future editorial.

Joe Bass

To the Editor:

What's with this business of having South Union card players fill out questionnaire forms? According to Technology News, the dean's office is the instigator, so it's all legal, but what is the whole story?

Could it be that the forms collected will be turned over to a private "Gestapo" which will compare the data with the student schedule files and queer poor Joe Bridgeplayer with his instructors? Or is the survey to be the basis for a learned report resplendent with two-color graphs showing classes cut versus grades on thermo quizzes? Or is this method of identifying class-cutters easier than badgering the faculty into wasting time on daily roll-taking, time now spent teaching?

If this is a subtle move to bolster student morale and inspire better student-faculty cooperation, the densest student can point out its obvious unsuitability. Even if designed only to

prevent class-cutting by applying sanctions, the method is faulty because it applies to only one group of malefactors.

And besides, somehow I had the notion that a college education was not dependent upon how many classes a student could be forced to attend.

William Thayer

To the Editor:

In reply to Mr. Jim Gaffney's letter, "Haven for Coeds," I wish to say this: If we of the male species would do less talking and reading about life, and instead did more toward living a full life, it would be wonderful. Perhaps the female populace would be happier, too. Who knows?

And as an afterthought, if we would think twice before saying something, then didn't say it, we would all be much better off.

Jack Castiglia

Slipstick

A justice of the peace in a small town was called to perform his first marriage ceremony. The bashful couple remained standing after the finish of the rites, and in a brave attempt to round off the affair, the justice said: "It's all over now. Go, and sin no more!"

First shopper: Why, you seem to be busy.
Second shopper: Yes, I'm trying to get something for my husband.
First shopper: Any offers yet?

Blonde: Now that we're engaged, aren't you going to give me a ring?
Sailor: Sure, honey, what's your phone number?

Many an engineer envisions himself as a leader of men, but winds up as a follower of women.

Virtues are learned at mother's knee, vices at some other joint.

Doctor: "I can't find any cause for your trouble. I think it's due to drinking."
EE: "Well, maybe I'd better come back some time when you're sober."

Guest Editorial

Prestige loss forcing engineers into unions

By William Harrison and James Fairchild
Instructors in Business and Economics

In a large industrial plant in the Chicago area employing thousands of people, the equipment engineers are in the process of organizing and affiliating themselves with a union. This is not unusual. It has happened in a number of large plants recently. Why?

Management has long looked upon the engineer as a part of management—as a professional man. They have felt that the engineer is on "their side" and is not to be lumped with the rank and file workers. The undergraduate engineer also regards himself as a professional man whose education and background qualify him for something better than a "mere job." One indication of this is the undergraduate's scorn of the salary rate offered to engineers by large corporations. The undergraduate

also rejects the idea that he might consider joining a union five years hence.

Yet the fact remains that, particularly in large corporations, engineers are growing discontented. They feel a loss of importance and prestige. What has happened is that the engineer has become a victim of his own technological achievements.

What are some of these technological achievements? The breakdown of complex, highly skilled operations into simpler, more repetitive motions; taking the skill out of the hands of the operator and building it into the machine; elaborating an endless series of efficiency systems that set up forms and procedures that must be followed by the organization.

These achievements have contributed directly to the spread of unionism. After jobs had been stripped of importance by the demands of mass production industry, employees turned to unions as a way of "getting even" with their employers.

Now there are many signs to indicate that engineers are following the same path. A young engineer starting out in a large corporation finds himself on a job that has been broken down and standardized. He works on one small segment of the over-all objective of the company. The bulk of the creative engineering is usually carried on by a research engineering laboratory. As a result he feels that he is divorced from the real engineering that is going on.

Where does he turn after five years or more of dissatisfaction, after five years of feeling that his job is just as standardized as a punch press operator? He turns to a is dedicated to elevating the "standards of the engineering profession." He wants to believe that he is a professional man. Management tells him he is, but doesn't treat him as one. So he hopes to enhance his status by taking part in a professional organization—the union.

He has been caught in his own web—the web of technological standardization and simplification.

In a forthcoming issue, Mr. Harrison and Mr. Fairchild will extend their remarks to include possible solutions to this problem.

Mr. Harrison studied at Dartmouth college and Columbia university; Mr. Fairchild received his degrees at Northwestern. Formerly employed in the counseling and training division of the Western Electric company, they now operate a Chicago firm engaged in psychological testing, determination of executive ability, and industrial attitude and morale surveys.

as I see IT

By DAVE PASIK
Editor-in-Chief

SINCE PRE-REGISTRATION is just around the corner, and that puzzling question, "What option for me?" is facing quite a few engineers, ye olde editor is going to devote a few minutes to the subject.

Perhaps dogmatically, I recommend management to anyone offered the choice of this option. No, I don't believe that the average Techawk is destined to direct huge corporations; I do believe that the education and experience offered the student in the management curriculum more fully equips him to handle any type of job, engineering or otherwise.



Management impractical? No, management courses are more practical; they can teach an engineer to effectively manage personnel, to understand current economic problems, and how to express himself, both orally and on paper. What qualities are more valuable to an employer?

Certain areas of technical knowledge have been sacrificed in the management options, but I see this as a very small loss. All large employers and many of the smaller ones have in the past decade established training courses in which all new engineering employees are thoroughly indoctrinated in necessary know-how.

Besides, to borrow a phrase from Slipstick, who wants to be a "dull tool engineer" all his life?

IT'S OBVIOUS NOW why Dewey lost the election. How can a candidate win when you can't draw a funny moustache on his posters?

TECHNOLOGY NEWS

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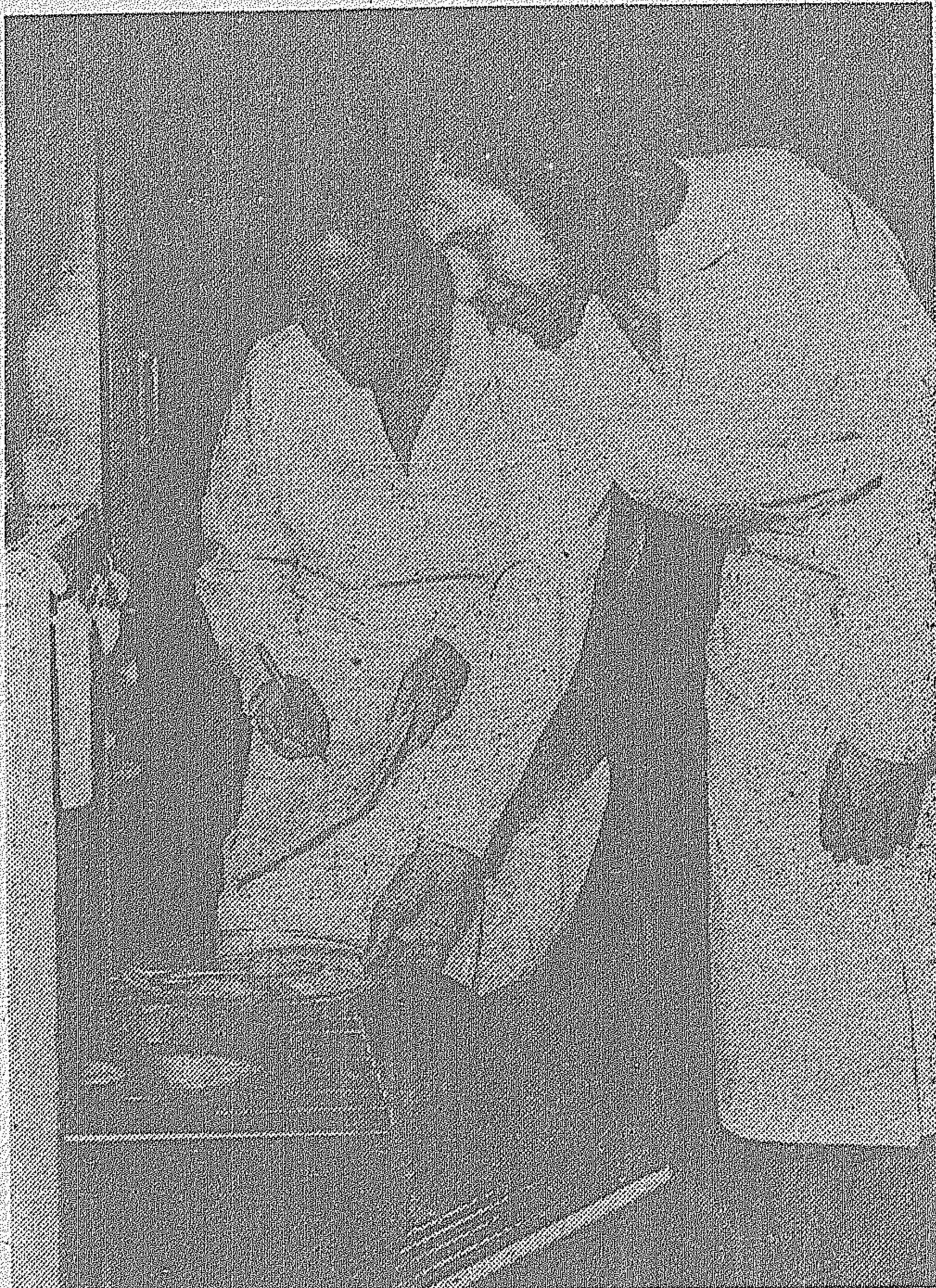
By Edward J. Michelic

Not many of us in the Federal street slide-rule set know what "Downtown Center" is or what part it plays at IIT. So, sheathing my slipstick and erasing a thermodynamics formula from my thumbnail, I rode the elevator above the traffic streaming past 18 South Michigan to investigate. There I found the Home Economics department and the Institute for Psychological Services hard at work.

In the eighth floor HE office, the attractive red-haired secretary smiled, greeted me and presented me to Miss Louise Mojonnier, head of the department. Patiently, Miss Mojonnier led me on a lecture tour of the premises and introduced me to her staff. I saw alert Techwomen analyzing and classifying textile samples as part of the study they will make of the production and processing of fabrics.

Food and meal preparation labs gleamed with modern gas and electric equipment. A cozy room adjoined the meal lab for meal serving practice; in the corner stood the glass-closeted Gonzales china collection which I was admonished to "look at, but don't touch" by my watchful guide.

Here, in surroundings more like home, I began to relax, unafraid that I would be detoured by a misplaced integral sign. But the refrigerators were empty that day. I remarked aloud but unwittingly what fine and cultured prospective housewives the department was producing. This was a mistake. The HE instructors quickly informed me that the girls were being given training for professional service.



HOME ECONOMICS STUDENTS Lillian Phillips and Dorothy Krack manage to look domestic as they make tests of various kinds of pie crusts in Illinois Tech's downtown HE lab.

They assured me that I wouldn't find "Capture, Care and Feeding of Husbands 102" in this course; the girls face careers dealing with large-scale social problems, consumer economics, household management and decoration, human nutrition, clothing and textiles, to name a few. They evidently have to be smart and efficient as jet jobs to test and introduce the knowledge that will make

our home living standards higher.

As I thanked my hostess, I felt a new-found respect for our HE's. Meekly, I slipped into the elevator and stepped out into the Institute of Psychological Services on the eleventh floor.

Here a second pretty receptionist with an engaging smile showed me to George S. Speer, the Institute director. Others hearing his

(See PSYCH SERVICE on page 7)

Kiva to sponsor painting exhibit in North Union

An exhibit of water color paintings by Friedrich-Karl Richter, associate professor in the language and literature department, will be presented by Kiva in the North Union lounge next week from Monday to Wednesday.

This showing will be an entirely new collection of Dr. Richter's works representing his efforts the past summer in New England. Dr. Richter will be on hand each day from 3 to 5 p.m., to explain his paintings to visitors.

This is the first of many activities planned by Kiva for students and faculty. A hobby show is scheduled for the coming weeks.

Kiva is IIT's cultural group which attempts to further interest in liberal arts. They invite anyone interested in its activities to attend the next meeting. Meeting times and place are posted on the bulletin board next to 118C.

***** Keep it in mind

The junior class will present a very special pre-holiday dance at Tam O'Shanter Country club just before the Christmas vacation.

SAE to tour Johnson plant

"High Pressure Cooling Systems for Future Engines" will be the subject of a talk by George Haiselmaier of the Young Radiator corporation at a meeting of the Society of Automotive Engineers Thursday at 1 p.m. in 302M.

Plans for the trip to the Johnson Outboard Motor company are to be announced at this meeting. Elmer Bartosek, chapter president, explained, All members who intend to go on this trip are urged to attend this meeting."

November 24 is the date set for the tour of the Johnson plant in Waukegan. The research labs, engine test facilities, and related production processes will be shown and explained.

EE's to hear K. J. Howard on Tuesday

K. J. Howard of the Bell Telephone company will speak before the AIEE Tuesday at 1 p.m., in the MC auditorium. Backed by his experience as the interviewer of seniors on this campus, Mr. Howard will speak on "Your Future as an Engineer." After his talk, cokes and doughnuts will be served to all present.

Two new appointments have been announced by Jim Kogen, chairman of AIEE. Larry Margol is now chairman of the Papers committee, and has requested that all men who desire to enter a paper in the March AIEE contest should see him for information.

Although the membership in the student branch of AIEE now exceeds 350, the largest in the history of the campus organization, Kogen feels that many EE students still desire to join, and have not had the opportunity. Membership cards will be available Tuesday at the meeting.

Unpaid Integral bills due Friday

The deadline for all unpaid organizational bills for the 1949 Integral has been extended to Friday, Dick Koenigsburg, Integral business manager, announced today.

Those organizations which have not made arrangements with the yearbook by this date will not appear in the 1949 book.

so Mild!



Yes, Camels are so mild that a nationwide 30-day test of hundreds of smokers revealed not one single case of throat irritation due to smoking Camels! The people in this test — both men and women — smoked Camels exclusively for 30 consecutive days. Smoked an average of one to two packages of Camels a day. Each week their throats were examined by noted throat specialists—a total of 2470 exacting examinations. From coast to coast, these throat specialists reported

NO THROAT IRRITATION DUE TO SMOKING CAMELS!

Prove it Yourself
MAKE THE CAMEL 30-DAY TEST IN YOUR "T-ZONE"!
Money-Back Guarantee! Try Camels and test them. If, at any time, you are not convinced that Camels are the mildest cigarette you have ever smoked, return the package with the unused Camels and we will refund its full purchase price, plus postage. (Signed) R. J. Reynolds Tobacco Company, Winston-Salem, North Carolina.

Flames spout from MH; they're only coal gas tests

Those flames spouting from the fifth floor window of Machinery hall are nothing to worry about, and C. von Fredersdorf, project supervisor for the Institute of Gas Technology, wishes that alarmed Techawks would stop sending in fire alarms because of them. Three false alarms have been reported in recent weeks.

The flames are the result of experiments on the gasification of pulverized coal being performed under the sponsorship of the American Gas association. The goal is a gas which can be used either as

city gas or as the starting point for the production of gasoline and alcohols.

When asked how the project was coming along after the last fire-alarm episode, Mr. von Fredersdorf answered, "It is showing progress."

Alumni meeting features annual sports smoker

Presidents of alumni clubs of Illinois Tech will meet on the campus in Chicago November 19 and 20 for the Illinois Tech Alumni association's first Presidents' conference.

The two-day program will include talks by President Heald and other members of the Institute's administrative staff, the annual Sports smoker sponsored by the Alumni association and Honor-I, and informal tours.

Offices have cards

(Continued from page 1)

pre-registration procedures are included in this bulletin. The special card form used for pre-registration is available at department offices. Each student is expected to submit a tentative list of his next semester's subject-list to his adviser on this card. Advisers will retain cards after approval, and transmit them to the department office. Approved cards will not be accepted by the registrar's office from any student.

Pearce Davis, chairman of the departments of business and economics and industrial engineering, will act as a special counselor to all management option students in the engineering division.

"It is extremely important," Mr. Meade declared, "that all students pre-register. Classes are organized and staff members employed on the basis of pre-registration tallies. Students who fail to pre-register do not make their needs known. We have no other way to anticipate student desires. For that reason students who fail to pre-register will not be permitted to register with their classes in February and usurp space reserved by those who did pre-register. Such students will be required to defer registration until the last afternoon of registration week.

Failure to pre-register works a hardship on all concerned.

"It is hoped, therefore, that everyone who expects to be in attendance next semester will see fit to pre-register during the three-week period set aside for that purpose."

New students being admitted at mid-year as well as those re-admitted after being out of residence will also be pre-registered through cooperative arrangements worked out by Fred R. Travis, director of admissions, with department chairmen.

All co-op students, including those on campus and those re-admitted after being out of residence will also be pre-registered through cooperative arrangements worked out by Fred R. Travis, director of admissions, with department chairmen.

Pre-registration of day graduate students is scheduled for January 3-14.

CLASSIFIED ADS

FOR SALE: 12-piece (Lottery) drawing set, made in Germany, \$25. Call KEystone 9-4728.

WANTED, Freehand drawing; sketches that have been made in classroom and carry a mark of A-1 or B plus. Good work in perspective and shading required. Will pay \$2 to \$3 for each. Exchange Service of Industrial Products, 217 Palm ave., Santa Barbara, California. Clarence Middleton.

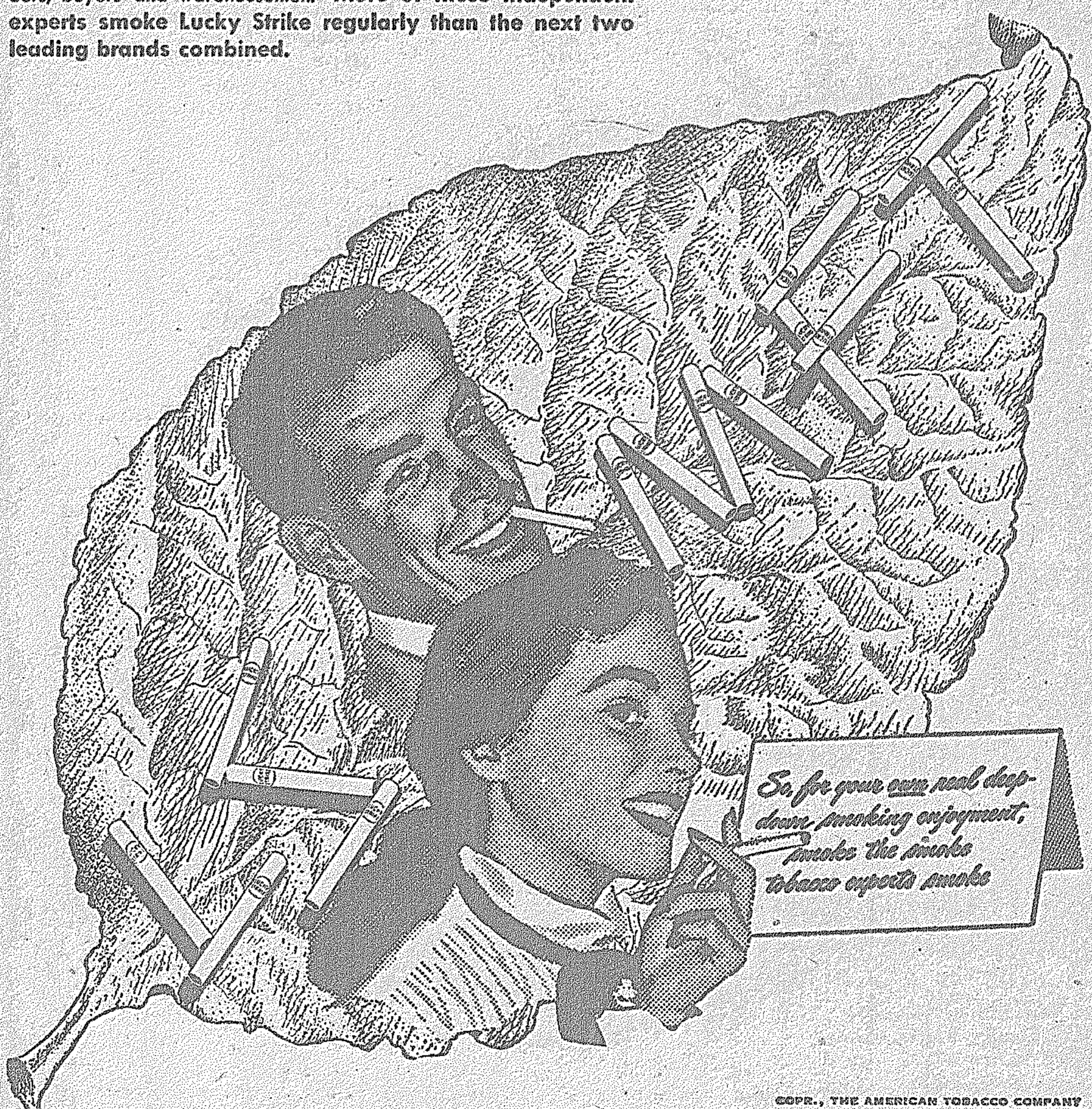
FOR SALE, sailboat, 17-ft. centerboard sloop, sails, three life jackets. Roger Connor, Phone PL. 2-8636.

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More independent experts smoke Lucky Strike regularly than the next 2 leading brands combined!

An impartial poll covering all the Southern tobacco markets reveals the smoking preference of the men who really know tobacco—auctioneers, buyers and warehousemen. More of these independent experts smoke Lucky Strike regularly than the next two leading brands combined.

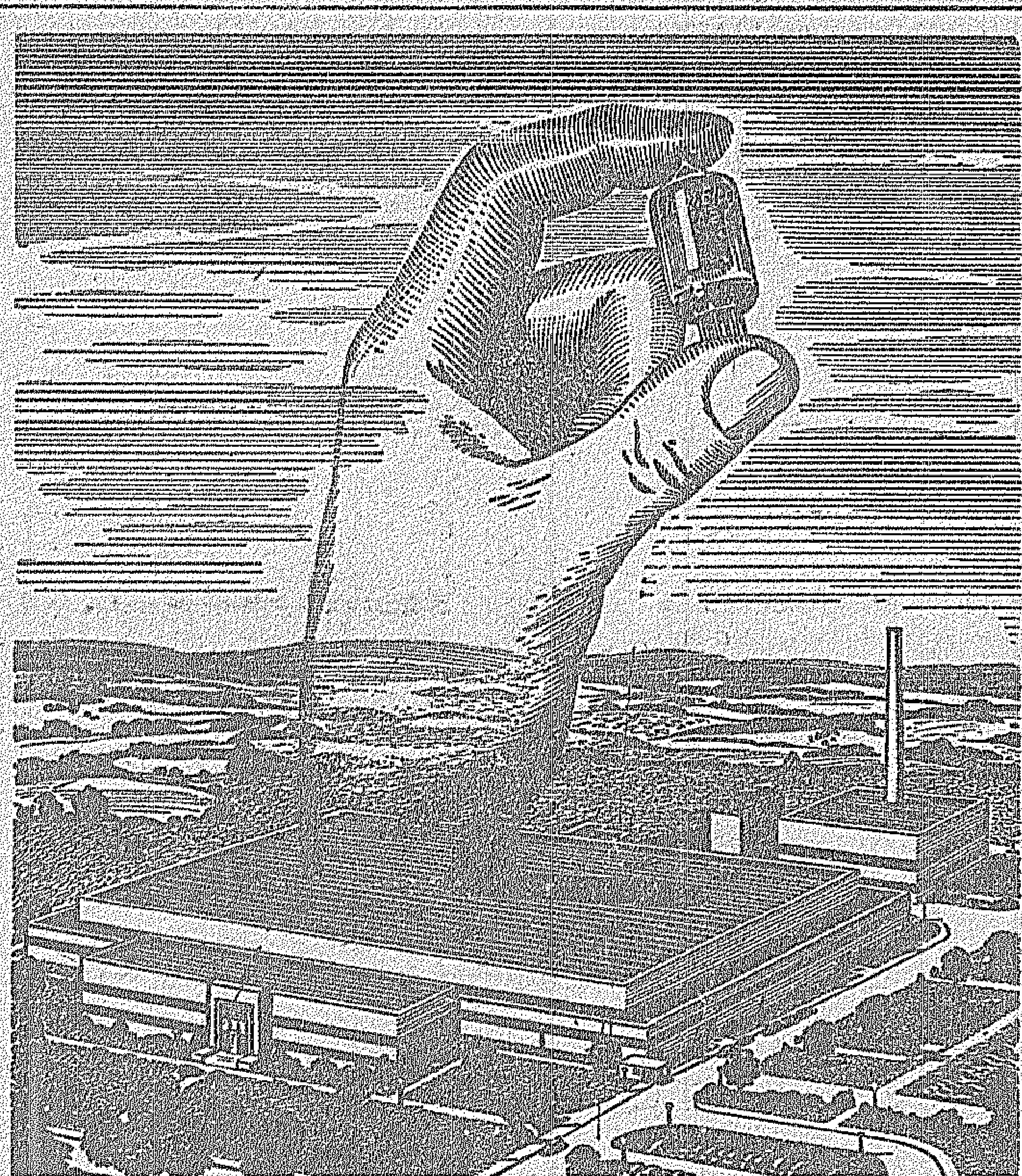


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When you make a long distance telephone call, your voice would soon fade out were it not for vacuum tube repeaters. They give your voice a lift whenever needed—carry it clearly from coast to coast.

Vacuum tubes and other electronic devices are playing an ever-growing part in your Bell telephone service. As the manufacturing unit of the Bell System, Western Electric makes millions of these intricate little things.

To produce them to highest standards of precision and at lowest cost, Western Electric has just completed its new Allentown, Pa., plant—latest addition to vast telephone making facilities in 18 cities. Now, and in the years ahead, this new Western Electric plant will help to make your Bell telephone service better than ever.

Western Electric

A UNIT OF THE BELL SYSTEM SINCE 1882





TECHAWK HARRIERS got off to a fast start in a practice meet with DePaul. Al Ashurst, on the extreme left, came in first.

Sleepy harriers to go south

By Ben Sutton

If the Techawk harriers doze off during the sermon Sunday morning, don't be too harsh on them. They are scheduled to hit the road in front of the Illinois Tech Memorial gymnasium at 6 o'clock tomorrow morning.

There is one consolation. For the first four hours, they get to ride! The occasion is the running of the Illinois Normal Invitational cross-country meet at Bloomington, Ill.

Once down in Bloomington the boys must use their own pedal digits as a means of locomotion. On a cold, windy day the prospect of lightly tripping over four miles of rugged, hilly countryside is not always conducive to a cheerful disposition.

One thin-clad who should not mind the early rising or cold weather, though, is Al Ashurst. Al placed 13th in the Loyola Invitation meet Saturday,

then took first honors against De Paul Wednesday.

Although not yet ready to challenge the national champions, Al gives promise of being able to compete on even terms with anyone from a school on a par with IIT. If his performances continue to improve he may even become the outstanding athlete at Tech. This, however, is looking well into the future.

The remainder of the team has been unable to match the pace of the fast-stepping Ashurst. At both the Loyola Invitational and the De Paul dual meet, the Techawks racked up high score. In cross-country, this ain't good.

Comfort can be found (by those interested) in the fact that at Illinois Tech cross-country is largely a conditioning period for the long track season to follow. All members of the squad are in better condition than they were six weeks ago.

Die Hards down Gymmies, gain berth in IM finals

The Senior Die Hards entered the IM Football finals by virtue of their 9-7 win over the Gymmies at the Armour Square field Wednesday.

With the score tied 7-7 and 15 seconds remaining, the Die Hard line, led by Mel Schmieder, converged on Ed Bourke and nailed him for a safety and the two big points that meant victory.

Due to the muddy condition of the field, the entire first half passed without a score. Both teams' running games were held down and offensive ends could not get down the field for long passes.

Late in the first half, Jerry Maatman, Gymmie end, and Ken Johnson, Die Hard lineman, were injured when they collided head-on during a play in which Ed Bourke, Gymmie back, ran around his right and then cut back. They were taken to Dr. Smith, campus M.D. Dr. Smith sewed 11 stitches in Johnson's forehead, and two above Maatman's eyebrow. This was the only serious accident of the football season.

The Die Hard kicked off to open the second half, and in three plays, the Gymmies had placed the ball across the white line. Bourke threw a pass to Larry Gaynor in the end zone for the score, and Jimmy Wageck caught a shovel pass from Bourke for the extra point.

Led by fine blocking and defensive play, the Gymmies held their 7 point lead until the last five minutes when Don Ross broke clear of his defense and caught a long pass from Bob Ross for the touchdown. The all important point after touchdown was added when Art Dammkoehler caught another B. Ross pass.

Tech coeds invade gym to organize volleyball tourney

By Wesley Ooms

The IM leagues at IIT have received a new look and I don't mean a longer look. . . . The gym has been invaded by members of the weaker (?) sex who have expressed their desire to participate in their own volleyball tourney.

Those few males who were in the temporary building on 32nd and Dearborn were abruptly startled when a large number of females (considering the proportion of enrollments) took over the volleyball court and proceeded to push the inflated sphere back and forth. The names of the young ladies were withheld, but a small crowd gathered and cheered them on.

With this opening exhibition, the femmes are launching a drive to enlist other players . . . girls, that is . . . to join up and get in the game. All coeds interested may contact either Harriet Steinberg or Helen Syprzack, or sign the volleyball list in the North Student Union Girls' lounge.

This sudden coed interest in IM athletics may have pleasant repercussions. It could awaken enough female competitive interest so that by next spring we may see an IIT version of the Bloomer Girls, who will take to the sandlots, bat and glove in hand.

Scrimmage sharpens Hawks' claws

Tie Harry's Owls in Friday practice session

By Larry Shapiro

Those Tech basketball fans who stayed around Friday evening for the scrimmage between the IIT hoopsters and Harry's Owl club were treated to an exciting game. The Scarlet and Gray showed brilliant possibilities for the immediate future.

The final count, as recorded by this reporter (no official score was kept), was 45-45. As Harry's Owl club is one of those unpublicized squads composed of former big time stars, the tie score is highly acceptable.

Experience paid off in the first few minutes as the Owls, sparked by Andy Federinko and George La Rochelle, ex-De Paul eagers, jumped off to a ten-point lead. This state of affairs existed until the varsity squad shook off its stage fright and started to play ball.

Carl Bergstrom and George Scalamera then began using their height to control the boards enabling Coach Glancy's favorite fast break to operate. Freshman Bob McCue started to hit from the field, and before long the rest of the boys got the idea. The Owls' lead soon melted to two points.

The second, third, and fourth string Tech fives then came in to get in their licks, and the Owls crept into a six-point lead as the first half ended.

The second period offered the crowd a much better brand of basketball as both teams sped up their attack. "Splinters" Urasky and Carl Matson came up with some nice rebounding as the Hawks slowly closed the gap and finally tied the score just as the game ended.

Harry's Owl club will return next Friday to give the varsity its final scrimmage before the season's opener against the Northern Illinois College of Optometry.

Rifle club buys new Winchester

Henry Henriksen, secretary of the Tech Hawk Rifle club, announced a meeting of all members in the rifle range today at 5 p.m.

"It is imperative that everyone attend this meeting," said Henriksen. He also wished to remind the members that their Integral picture will be taken today at 11:45 a.m. in the North Union.

A new Winchester 52 "Bull gun" was recently purchased by the club. This gun is considered by many marksmen to be the finest target rifle on the market.



ACTION IN THE INTRA-MURAL league! Toby Toberman prepares to throw a block for Harry Marcado. The latter breaks away on a long gain for the Gremlins, who are the leading contenders for the title.

Record smoker crowd awaits Olympic movies

The largest crowd in the three-year history of the Honor I Alumni Sport Smoker is expected to be on hand for the entertainment next Friday evening.

Interest in the Smoker is running high among members of the student body. A sizable turnout is already assured for the annual get-together of alumni and undergrads. Plenty of tickets are still available, though and can be purchased at \$1.90 each from members of Honor I or at the lettermen's booth in the North Student Union.

The high-spot of the evening will be the showing of color movies of the recent Olympic games. Other features include a lead-off buffet supper and a second film, "Touchdown Thrills of 1947."

The man who took the Olympic pictures, Dr. Elmer Mitchell, will be present to relate his first-hand experiences at the games. Co-featured on the program are John J. Schommer, past master of after-dinner speakers and an exciting round-up of last year's grid-iron parade, Touchdown Thrills of 1947.

All of this will be preceded by the customary buffet supper served in the North Student Union auditorium. The gathering will then retire to the Chemistry building auditorium for the presentation of the program.

According to Alumni secretary Earl Kubicek the usual high representation of alumni will be present, affording plenty of opportunity for fraternizing as in the past.

IM elimination meets started

The IM volleyball and badminton tourneys have finally started rolling. IM touchball, by keeping most of the available referees busy, brought about the late start of these two indoor sports. However, matches are now being played Tuesday and Thursday at 1:15 p.m.

Two of the original eleven volleyball entrants have met with disaster. The Volleyballetes and Metallurgists eliminated the Sharpies and D. E. Reds, respectively. In the first three badminton contests Jack Fiedler, Norm Taxman, and Ed Burke advanced to the second round by conquering Bud Schmidt, John Mikota, and Don Anderson, respectively.

The single elimination dogfights are necessitated by the large number of entrants and the impossibility of arranging satisfactory playing times outside of the two "freehours."

IM basketball draws 15 clubs

The IM basketball tournament will begin Tuesday with 15 team entries. This year, in addition to being awarded medals, the championship team will probably play post-season games with intramural winners from the University of Illinois (Navy Pier) and the University of Chicago.

The Wolves, pre-tournament favorites on the basis of last year's form, are expected to come through again. Other strong teams include the Trojan AC, Whiz Kids, Senior Die Hards, Wrong Guys and Neolites.

All of the above teams, composed mainly of men who played last year, plus the traditional "dark horse" teams, give promise of many hard fought contests in the future.

With members of the Varsity supplying alert officiating, some six to eight games will be played each week, assuring all teams ample opportunity to show their stuff.

Pigskin Prophets

Santa Clara upset(?) 'makes' prophet winner

By Jim Wangersheim

Bottling up the vaunted passing attack of Nevada's All-American Quarterback Stan Heath with ridiculous completeness, the University of Santa Clara pulled what many experts (?) believed to be the upset of the year in humbling the Wolf-pack, 14-0.

The Broncos also bottled up the guessing attack of all but 13 "Pigskin Prophets." Along with the surprise Tennessee pulled out of the hat for Georgia Tech, and the complete collapse of the Missouri Tigers before a title conscious Oklahoma team, only one "prophet" came up with a perfect card.

The outstanding dopest was Sidney Doppelt, a junior in the ME department.

"I surely was lucky to get all the games that went screwy on the same card," smiled Doppelt as he picked up his Parker 51. "I had an idea Georgia Tech was gonna run into trouble this week, and Missouri and Oklahoma; I could have picked that either way."

Marshall Stein, a junior EE, walked off with second prize, the ducats for the Bear-Green Bay game. He could foresee the Volunteers of Tennessee victors over Georgia Tech; strung along with Oklahoma and Penn State, but succumbed along with Nevada, and lost a perfect card. He was only five points off on the probable scores, however, and thereby qualified for second place.

Right behind Stein, only nine points off the pace, was senior electrical Jack Stratton who was presented with a free bid to the sophomore class dance "Autumn Leaves," to be held tomorrow night at the Lake Shore club. Stratton's opinion of Santa Clara also cost him a perfect card.

Fourth prize went to William Mitchell, junior ME. He was very pleased when he picked up his thermos cooler bag of Coca-Cola, though he could not understand how Santa Clara could beat Nevada. The case of 24 bottles of Coca-Cola, sixth prize, went to senior FPE John Earhart.

Junior EE, James Barlow, finished sixth, Frank Lynn, sophomore ME, seventh, L. T. Freer, junior FPE, eighth, and H. Rechter Ch. e, ninth. They were presented with a carton of Chesterfield cigarettes. Ralph Kravis, junior CE, tenth place winner, was given two packages of double edge Pal razor blades.

PIGSKIN PROPHETS Just Pick Winners 1. Illinois () at N. U. () 2. Dart. () at Princet. () 3. Baylor () at S.M.U. () 4. U.S.C. () at U.C.L.A. () 5. Ky. () at Tenn. () 6. Indiana () at Purdue () 7. Oregon () at Ore. St. () 8. Yale () at Harvard () 9. Stauf. () at Calif. () 10. Okla. () at Kans. () PROBABLE SCORE 11. Army () at Navy () 12. Mich. () at Ohio St. () RULES 1. Just pick the winner in the first 10 games, and pick the probable score in the last two. 2. Blanks must be in the Technology News box in the North Student Union or in the slot in the South Student Union Technology News office door by 7 p.m., Friday, November 19. 3. There is no limit to the number of entries. Facsimile blanks may be used. 4. Prizes include, first prize, Parker "51" fountain pen; second prize, choice of either two tickets for the Chicago Bear-Washington Redskins game, Sunday, November 28, or for the Chicago Rocket-Buffalo Bill game, Thursday, November 25; third prize, the two tickets that are not chosen for the second prize, fourth prize, thermos cooler bag containing 12 bottles of Coca-Cola; fifth prize, case of 24 bottles of Coca-Cola; sixth, seventh, eighth and ninth prize, a carton of Chesterfield cigarettes; tenth prize, two packages of double edge Pal razor blades. Duplicate prizes will be awarded in case of a tie. 5. Staff members of Technology News are ineligible. Name Address Dept. Team

Rain, mud fail to stop IF ball

As the IF tournament squads swam into their third week, the circuit still had 4 undefeated teams—all boasting one win and one tie. Most of the second-round games were played in the rain and mud, definitely lowering the standard of play.

Playing almost the entire game near midfield, Triangle and Alpha Sigma Phi battled to a scoreless tie Monday. Theta XI dropped Sigma Alpha Mu from the tournament by whipping them 12-0 on a submerged field November 3. Lloyd Shook led his team to victory, scoring both touchdowns on long runs.

Paced by Dick Jobous, the Dae-dalians whipped Sigma Phi Epsilon 12-6 Thursday, November 4. On the following day Delta Lambda Xi defeated Alpha Epsilon Pi, 6-2.

Junior Week job to go to ITSA

At the Wednesday meeting of the Illinois Tech Student Association, the Junior Week committee will submit a second report concerning candidates for the position of Junior Week chairman. The meeting will be held at 6 p.m. in the executive conference room of the North Union.

Several other important points will be brought up at this meeting: future methods for the selection of Junior Week officers, and queen of the Integral ball; the general practices governing banquets run by student groups such as Honor I and publications; a report on the activities of the Rough Castings, an organization of seniors, and a proposal to form class councils similar to the 4-A class marshals.

The selection of a Junior Week chairman has been postponed for several meetings pending sufficient applications for the job. The Junior Week committee will submit two to six names for consideration at this meeting.

The student chosen for this position will be responsible for organizing and correlating Open House and student activities during the week. Junior Week is usually held at the end of April and is

considered to be the largest all-school effort of the year.

The Rough Castings is the group of seniors who supplied entertainment at last year's Junior Week. At this meeting of the ITSA they will submit a report concerning their constitution, membership requirements and dues system. If approval of these items is obtained, the group will be in line for an ITSA subsidy for their activities.

A proposal to form class councils similar to the 4-A class marshals will also be tendered. The purpose of these councils will be to communicate information concerning controversial issues to the students of the various classes. The councils will work with the class president and enable him to become more familiar with the problems of the students and school.

George Bowman, president of the ITSA, invites all members of the student body to attend this and other meetings of the group.

FRIDAY Nite is College Nite at the Blackhawk RESTAURANT WABASH/RANDOLPH THE NATION'S No. 1 HIT TUNE MAKER al trace "You Call Everybody Darlin'" Fame and his famous "Shuffle Rhythm" ORCHESTRA plus HILARIOUS FLOOR SHOW featuring "THE SILLY SYMPHONISTS" NO Admission Minimum Cover Charge to Students ON FRIDAY—COLLEGE NITES

DU PONT Digest For Students of Science and Engineering

They said, "You can't do it!"

But Du Pont scientists developed a synthetic rubber with superior properties

"Synthetic rubber is an impossibility at any price!" declared a noted European scientist a number of years ago. And most people were inclined to agree because for more than a century chemists had been unable to duplicate natural rubber.

Du Pont scientists knew that all rubber had bad qualities as well as good. "Why struggle to duplicate its faults?" they asked. "Why not find a new chemical compound with all the good qualities of rubber, but none of the bad?"

They took as their starting point a discovery by Dr. J. A. Nieuwland of Notre Dame in connection with the polymerization of acetylene. By modifying this process, they made monovinyl acetylene. Adding hydrogen chloride, they made a new chemical compound called chloroprene—a thin, clear liquid at low temperatures. Like isoprene, it polymerized to form a rubber-like substance. But the new material, now known as neoprene, required no sulfur for vulcanization and was superior to rubber under many service conditions. Today neoprene production is measured in millions of pounds a

year, even though it is priced higher than natural rubber. Hardly an industry is not now using it, for such good reasons as these: neoprene products resist deterioration by oils and greases. They stand up under exposure to direct sunlight. Their aging and flame-retarding properties also are superior to those of rubber.

Three types of Du Pont research Modern research involves time, money, manpower. To develop neoprene, for example, took six years of laboratory study; a research and development expenditure of millions of dollars, plus the work of skilled research chemists, physicists, engineers, and other scientists.

At Du Pont, research is continuous. Some of it is designed to develop new products or processes; some to improve existing products or processes; and the balance is fundamental research to uncover basic facts without regard to immediate commercial use. Each of ten manufacturing departments has its own research staff and is operated much like a separate company. In addition, the Chemical and Engineering Departments, which are not engaged in manufacturing operations, conduct research in the interests of the Company as a whole. A typical Du Pont research team



Neoprene, used in wire, cable and hose jackets, resists abrasion, oil, heat, and sunlight.



Neoprene gloves and protective clothing resist deterioration by chemicals, greases and oils.

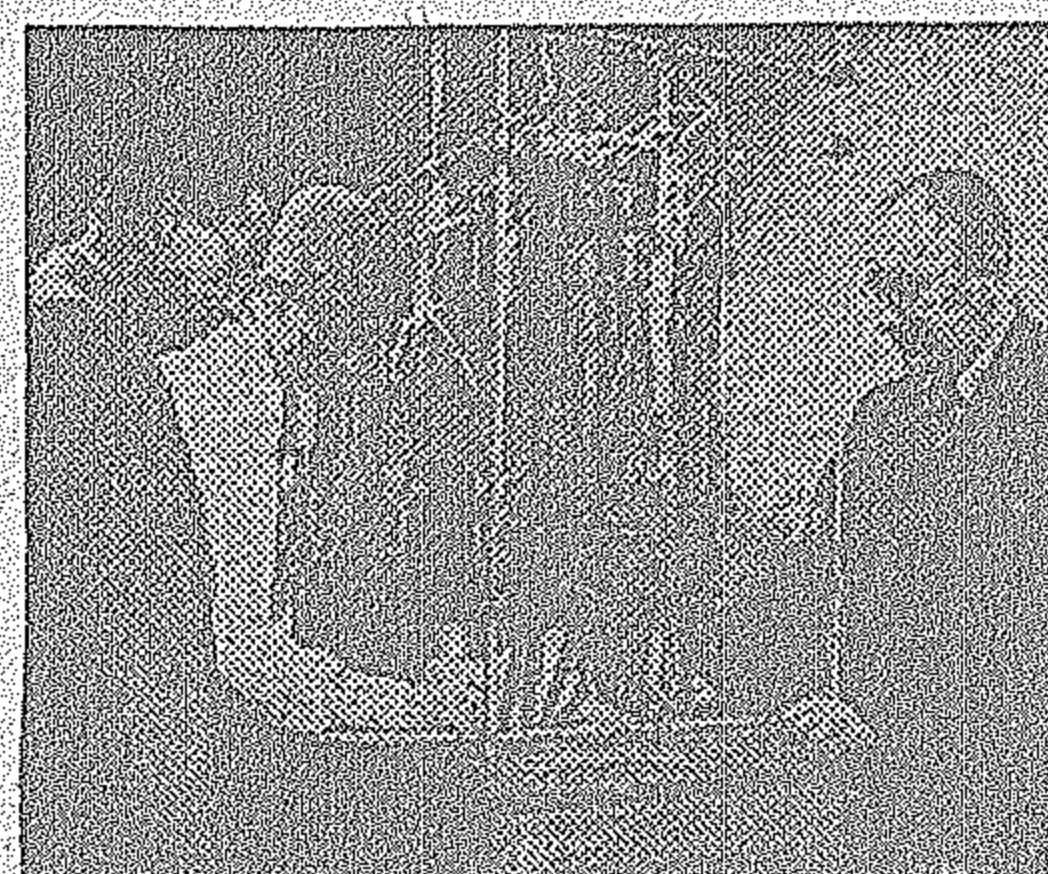


Milling and compounding neoprene in the rubber experimental laboratory.

may include physicists, chemists, chemical and mechanical engineers, each of whom brings specialized training to bear on a specific phase of the subject. The man who joins one of these teams finds himself associated with some of the ablest minds in the profession and receives the opportunity and friendly support needed to make fullest use of his capabilities.



BETTER THINGS FOR BETTER LIVING THROUGH CHEMISTRY



The new research man has frequent contact with experienced supervisors. Here M. Hayek, Ph. D., Indiana '47, discusses data obtained in an experiment with F. B. Downing, left, a member of research supervision, and M. B. Sturgis, a research group head.

What you want to know about Du Pont and the College Graduate "The Du Pont Company and the College Graduate"—newly revised, fully illustrated—describes opportunities for men and women in research, production, sales and many other fields. Explains how individual ability is recognized and rewarded under the group system of operation. For your free copy, address: 2521 Nemours Building, Wilmington 98, Del.

More facts about Du Pont—Listen to "Cavalcade of America" Monday Nights, NBC Coast to Coast

Psych service division gives vocational help

(Continued from page 3) warm "hello" may have made the same error as I and looked over his shoulder for someone wearing a gaudier mantle of authority. I soon realized that this is the man directing a staff of 48 in performing services of aptitude testing and counseling for school and industry, diagnosis and training of reading ability, veterans guidance and statistical analysis.

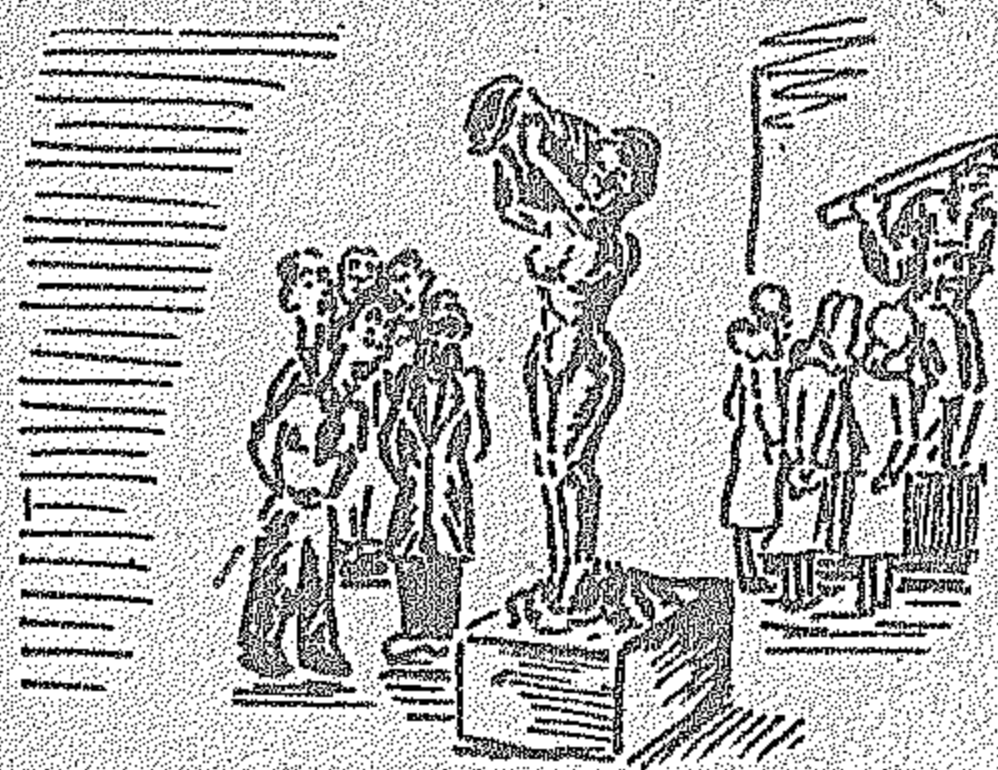
He showed me a library of vocational guidance and research material, testing booths, scoring machines, IBM tabulators and other facilities. Rows of file cases bulged with records of entrance and orientation examinations of students and tests of clients from industry.

An integral part of the Institute is well-equipped adult reading service, the only one of its kind in the country. Those interested in reading improvement undergo preliminary tests followed by a comprehensive twenty-lesson program. Mr. Speer pointed out to me that modern living requires increased reading ability. This

ability often makes the difference between efficient and inefficient management and in the smooth operation of insurance and security programs involving the public, where accurate paper work is of prime importance. He summed up our discussion of reading problems with the statement "forty percent of adults read at a sixth-grade level of ability."

Psychological Services accommodates an average of 30 people daily and has a clientele spread through 48 states, U. S. possessions and foreign countries. Industry and enterprises everywhere recognize the importance of scientific aptitude tests in providing for well-adjusted and efficient personnel.

Passing the various rooms, I noticed that a majority of workers there were women. Mr. Speer stated that psychological service is one field for women in which they are not at a disadvantage in competition for jobs. "We train some of them right here in our specialties of testing, counseling and reading teaching," he said.



"Gee, prof, think how much work a pumping station saves!"

Belgian prof tours physics dept. light lab

Jules Duchesne, professor of chemical physics at the University of Liege, Belgium, visited the spectroscopy laboratory of the department of physics Wednesday.

Dr. Duchesne is making a tour of a number of spectroscopy laboratories in this country and Canada. At an informal seminar, he discussed the results of recent research in both his laboratory and IIT's.

NEWS IN BRIEF

POLISH CLUB—A special meeting of the Polish club to initiate new members will be held tonight at 8:30 p.m. in the YMCA located at Ashland avenue and Division street.

MECHANICS APPOINTMENT—James E. Ash has been appointed instructor of mechanics at IIT, Le Van Griffis, director of the department, announced last week.

Ash graduated from Foreman High school and Illinois Tech, and did graduate work at California Institute of Technology.

ISRAEL CLUB SPEAKER—Rabbi Sydney Jacobs, registrar of the College of Jewish Studies and rabbi of the Temple Judea will be the guest speaker at Tuesday's meeting of the Israel club, to be held at 1 p.m. in 202MC. He will speak on the relationship of American Jews to the new state of Israel.

Rabbi Jacobs is literary columnist of the Sentinel, largest of the English-Jewish magazines.

MATH SEMINAR—Karl Menger, professor of mathematics at IIT, will speak on "Independent Self-Dual Postulates for Projective Geometry" at a mathematics semi-

nar to be held Thursday at 4:15 p.m. in 118CB.

HOME EC MEET—The regular meeting of the Home Economics club was held Tuesday at 3 p.m. at the downtown campus.

Miss Florence Gasper, a student in the department who has recently returned from Europe after having spent 18 months there as an army employee, spoke on "Americans Are Foreigners, Too."

Guests of the meeting were Miss Mary Triller, counselor of women, and students from several Chicago high schools.

HEAT TRANSFER—Each Thursday at 2 p.m. in 103MC, a heat transfer seminar to which all interested persons are invited is held. Thursday's speaker will be S. Nakazato.

SPECTROSCOPY PAPERS—Seven papers by members of the physics department spectroscopy laboratory will be presented at the Chicago meeting of the American Physical society, November 26 and 27. They will report results of research investigations of Raman and infra-red spectra during the last year, especially during the summer of 1948.

PSYCH LIBRARY—The psychology department has made extensive additions to its library of physiological and neural psychological literature. It is used exclusively by graduates and advanced students for their research work and required projects. The library is located in the working area of the department on the fourth floor of Chapin hall.

FACULTY WIVES MEET—Miss Lea D. Taylor, employee of Chicago Commons social service organization, spoke before Illinois Tech's faculty wives Wednesday in the North Student union. Her topic was "Illinois Tech's Community Problems."

Ireson speaks to SAM Thursday

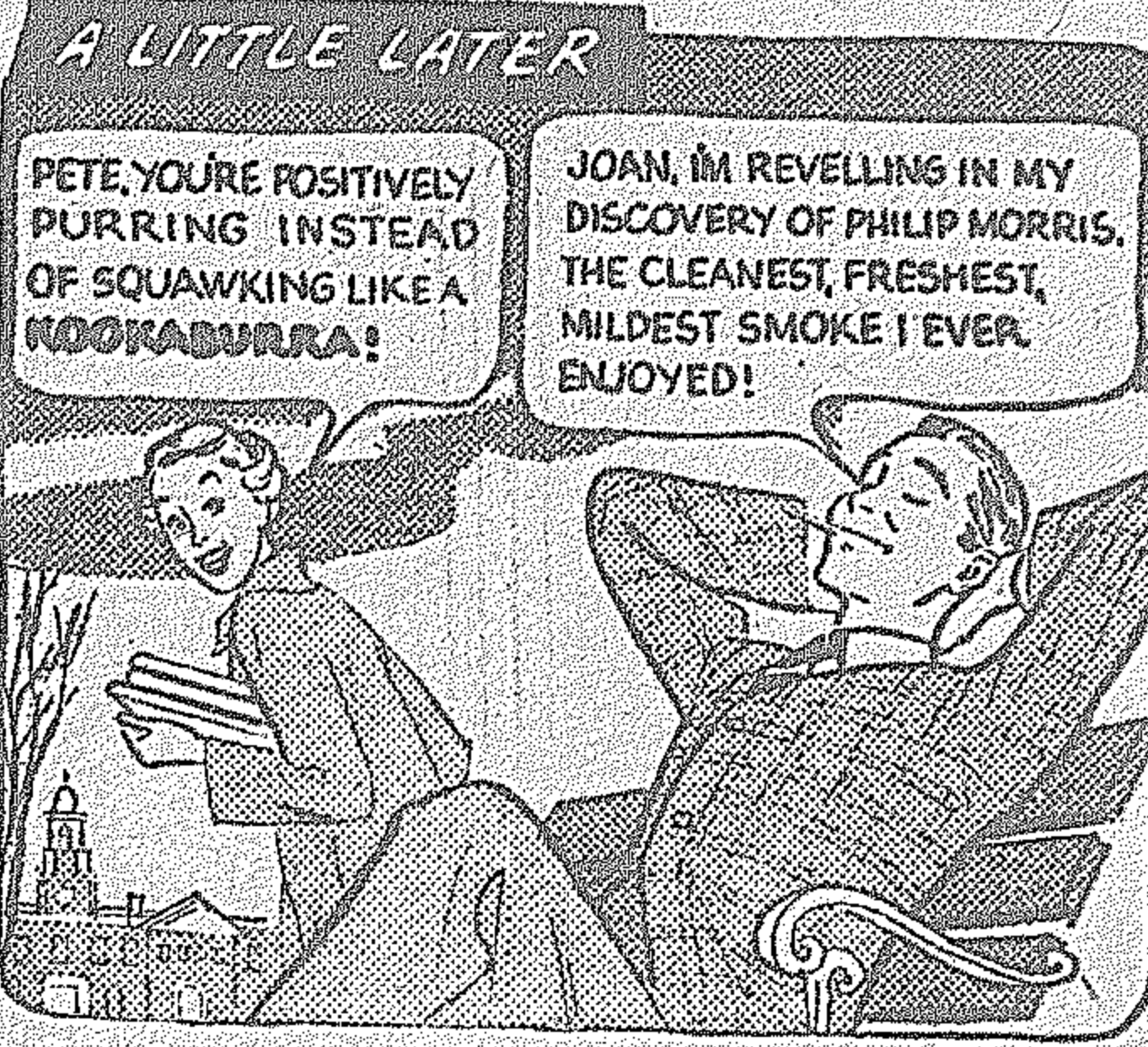
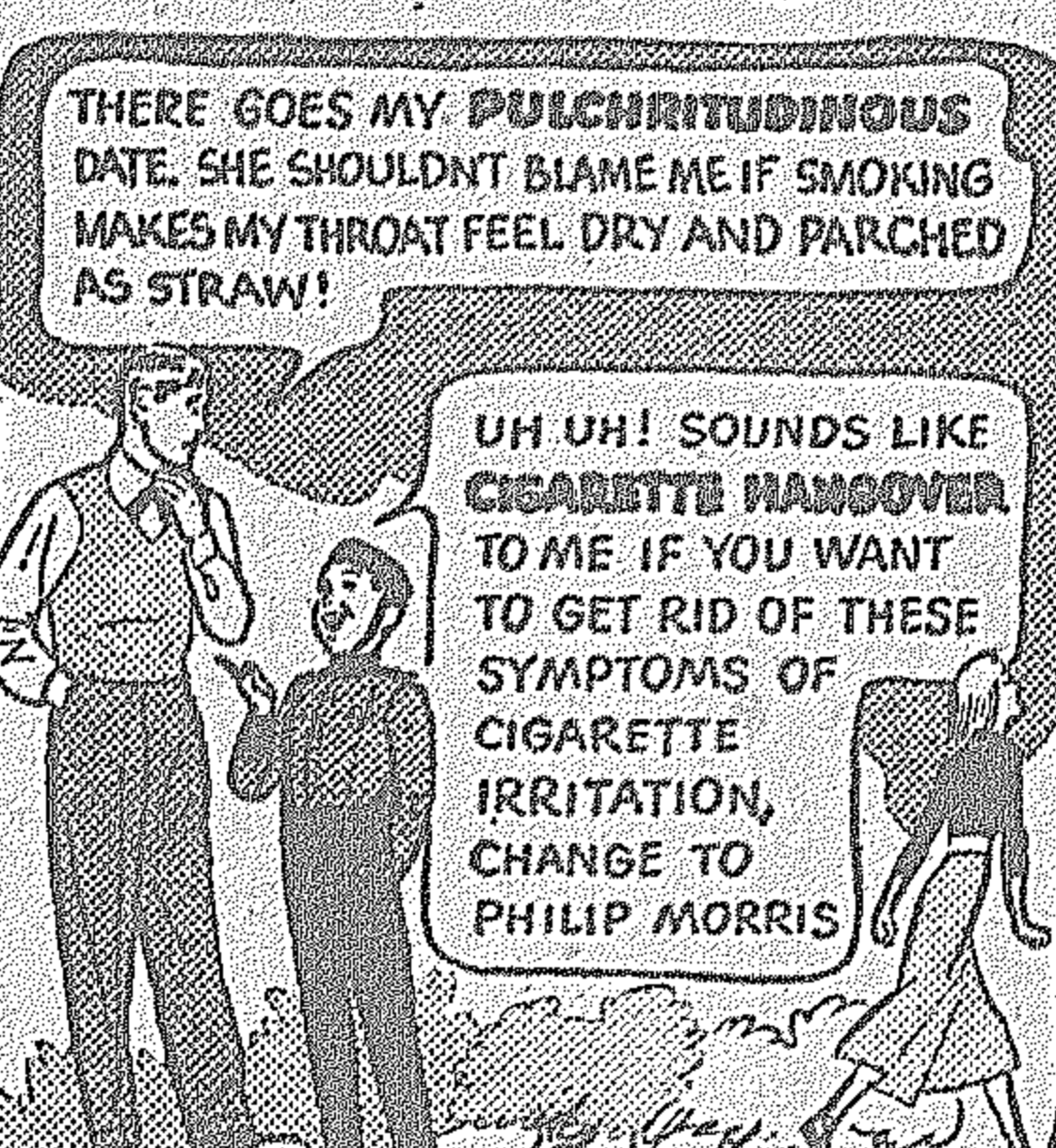
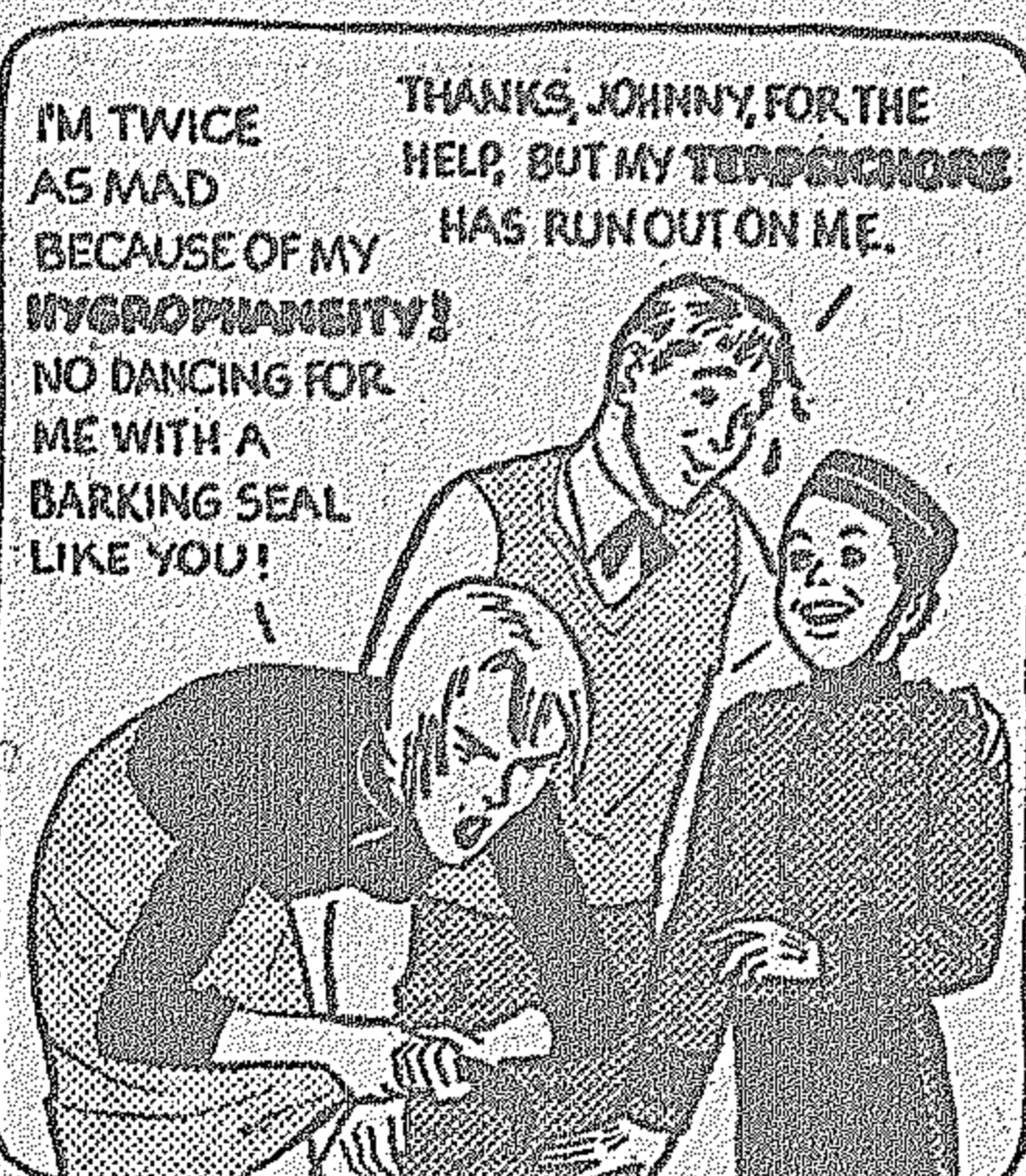
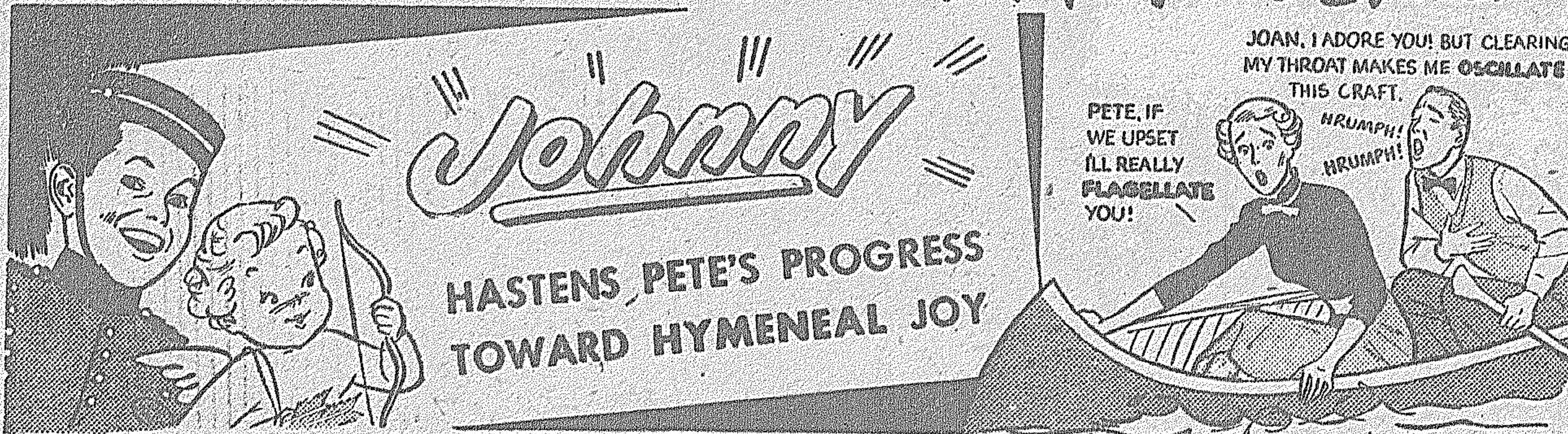
W. G. Ireson, formerly an assistant director in the Office of Production Management and a member of the industrial engineering department, will speak to a meeting of the SAM on, "What is an Industrial Engineer?" Thursday afternoon at 1 p.m. in 101MC.

tech timetable

Items appearing in Tech Timetable are those which have been scheduled with the Dean of Students' office.

- SUNDAY, NOVEMBER 14**—Phi Lambda Upsilon, 2 p.m., Exec. conference room.
- MONDAY, NOVEMBER 15**—Art Exhibit, 9 a.m., NSU lounge (to run thru November 20 until 5 p.m.); Art Exhibit and Luncheon, 3 p.m., NSU lounge; Alpha Phi Omega, 5 p.m., 108C.
- TUESDAY, NOVEMBER 16**—Israel club, 1 p.m., 202MC; AIME, 1 p.m., CB aud.; AIEE, 1 p.m., MC aud.; IAES, 8 p.m., MC aud.
- WEDNESDAY, NOVEMBER 17**—Faculty Orientation meeting, 4 p.m., MC aud.; Sigma Kappa, 5 p.m., Alumni conf. room; BON, 10 p.m., 3-D, back.
- THURSDAY, NOVEMBER 18**—SAE, 1 p.m., 302M; IVCF, 1 p.m., 211C.
- FRIDAY, NOVEMBER 19**—Honor I Dinner and Smoker, 6:30 p.m., NSU aud.; Honor I Sports smoker, 7:30 p.m., CB aud.; Honor I Sports smoker, 7:30 p.m., CB aud.

CAMPUS CAPERS... LAFF 'N LEARN



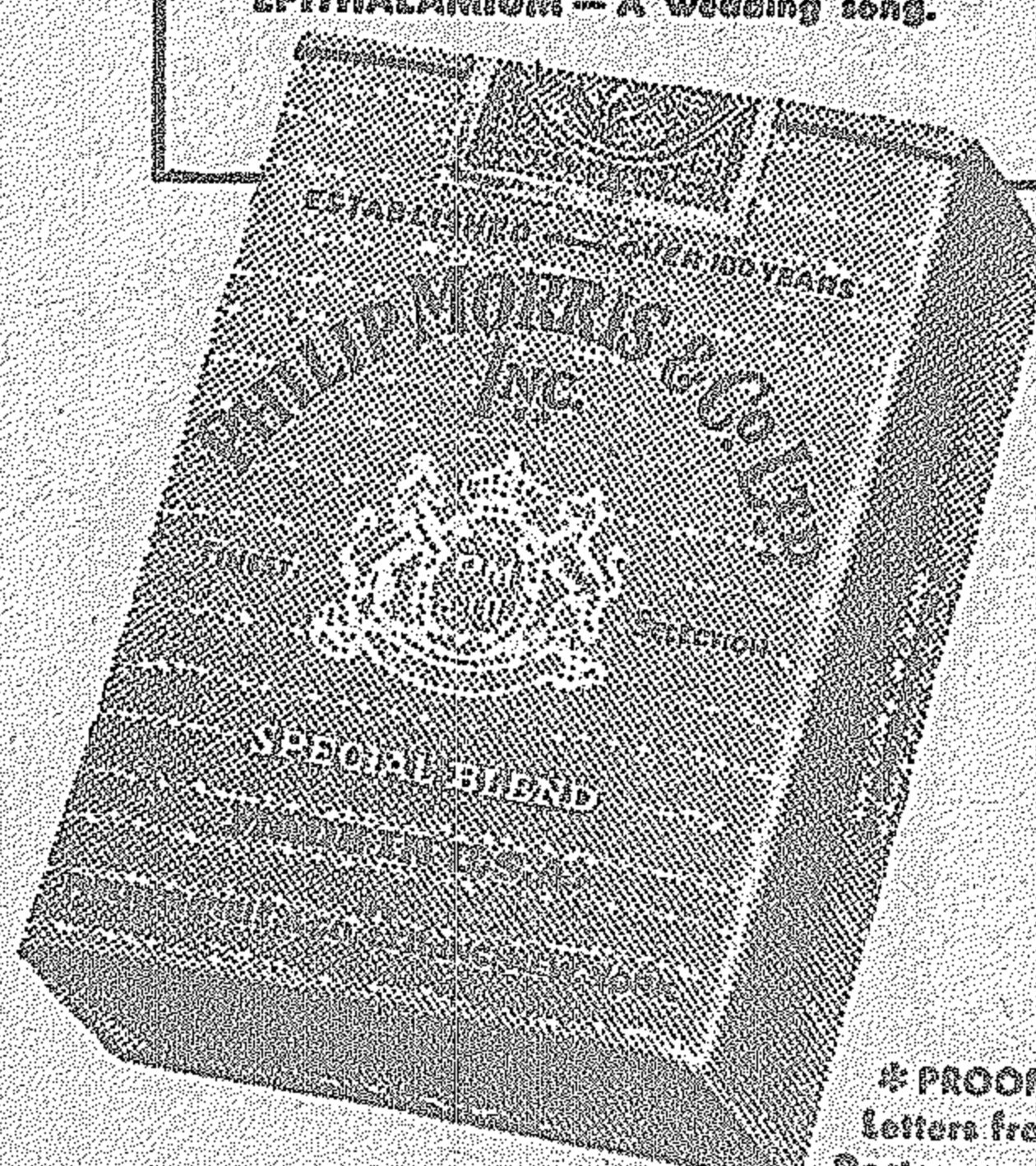
Build your vocabulary

- HYMENEAL** — Pertaining to wedding bells.
- FLAGELLATE** — To beat up systematically.
- OSCILLATE** — To shake.
- HYGROPHANEITY** — The state of being transparent when wet.
- TERPSICHORE** } Come now, folks. We don't have to explain these.
- PULCHRITUDINOUS** }
- CIGARETTE HANGOVER** — That stale smoked-out taste, that tight dry feeling in your throat due to smoking.
- APODICTIC** — Beyond contradiction.
- KOOKABURRA** — An Australian bird also called the laughing jackass.
- EPITHALAMUM** — A wedding song.

all joking aside, gang—

You'll be wafted right into the dreamy realm of maximum smoking delight when you CALL FOR PHILIP MORRIS. Because PHILIP MORRIS is definitely less irritating than any other leading brand. That's why eminent nose and throat specialists, *actually suggest* PHILIP MORRIS in cases of irritation due to smoking! You'll be glad tomorrow, you smoked PHILIP MORRIS today!

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AT IIT Carl Bergstrom has the edge among basketball players.

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PAL

HOLLOW GROUND has the "EDGE" 5 ways

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DOUBLE or SINGLE EDGE

4 for 10¢ 10 for 25¢ 21 for 49¢ 44 for 98¢

Student directory issue date moved to Dec. 6

The date of appearance of the Illinois Tech Directory has been moved to December 6, according to Sherwood Benson, editor of the publication.

On that date the publication will be available to the Illinois Tech student body. The book will be sold in SU lounge.

Sales will be limited to students. Technology Center personnel will have 1,500 books, already paid for by the Institute, available for their use.

In explaining to a Technology News reporter why the date of distribution was moved ahead several days, Benson commented, "Since the only equitable way the book can be distributed is on a first come first served basis, and since no issue of the paper will be published over the

Thanksgiving week-end holidays, there is a possibility that some students would not be informed and hence would not have an equal chance to purchase the book."

Irene Radvilas, co-business manager of the directory, indicated that from the present production figures, the actual cost of each book is about 40 cents per copy. However, advertising in the book will function as a subsidy to the extent of approximately 25 cents per copy, enabling the staff to sell the book at 15 cents, said Miss Radvilas.

Pare' clarifies rules on card-playing

Eugene E. Pare', assistant dean of students, announced this week that card playing will be allowed only in the South Union lounge. This is a clarification of a rule on the subject of card-playing issued by "Sonny" Weissman, director of the student unions, several years ago.

AIChE to see oil movie

The AIChE will hold a meeting Thursday at 1 p.m. in 305 Main. Movies on the subject of oil will be shown and tickets to the AIChE dance at the Midland hotel will be sold at this time.

Surplus Portable Microscopes

We offer a limited quantity of surplus portable microscopes for sale. These are all new, in original cartons and cost many times the price for which they are now being offered.

Specifications: Overall height 8 inches, turret with three different powers. Will accept auxiliary eyepiece for higher powers desired. Fully adjustable on tiltback base. Optical system; pitch-polished lenses.

These portable microscopes are offered subject to prior sale on the following terms: Price \$9.00, includes shipping and packing charges. Check or money order should be sent with your order of \$2.50 deposit, the microscopes to be sent C.O.D. for balance.

Any check received after quantity has been sold will be returned promptly.

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"CHESTERFIELD is building another big, new factory for us smokers who like the Milder cigarette...

It's MY cigarette."

Arthur Godfrey

RADIO'S FAVORITE SON
STAR OF CHESTERFIELD'S
ARTHUR GODFREY TIME



"I wish I could take you in my Navion plane over the big, new factory Chesterfield is building at Durham, N. C. It's a honey. It will help supply the ever-increasing demand for the Milder cigarette."

A B C CHESTERFIELD

MAKE YOURS THE MILDER CIGARETTE. *They Satisfy*