

THE FIRST progress report of the Junior Week Committee has indicated a thorough job done by an ambitious few. The organization and groundwork have been completed, along with many details of planning. Notable among the snags encountered was the statement concerning the lack of "eager" personnel for the committee. Where are all these stalwarts who unceasingly moan about the grind and lack of collegiate atmosphere at IIT when it comes to planning an affair rich in tradition and as much fun as any movie-portrayed college event?

JUDGING FROM the first ITSA meeting held last week, the few Techawks who did bother to stir themselves to elect their representatives, made wise selections. The group's meeting was characterized by a conservative attitude of not accepting anything without sound facts and figures. The interests of the student body as a whole seemed to be represented, and discussion was lively and long. Some of you who have never heard of the ITSA might attend one of the meetings; there's a good lesson in applied collegiate democracy.

FIGURES printed in *Technology News* recently shortchanged the Evening School considerably as to students enrolled. Final figures show that 3891 students are taking their education nocturnally instead of the previously reported 3274.

ITSA To Alter Constitution

A by-law committee consisting of Wit Kosicki, Buzz Barrows, and Dean White was appointed by the president of the ITSA, Bob Cunningham at last Wednesday's ITSA meeting. They will report on a proposed by-law addition to the ITSA constitution which reads as follows: "A report on activities for the previous semester shall be required of any student organization before request for funds is made for the following semester."

The ITSA also approved the *Technology News* budget for this semester as it was presented with the exception of the honorariums for the fall and current semesters. A committee was appointed to set up a method for awarding the honorariums.

Jaqueline Edwards resigned her position as secretary to the ITSA Board. Burita Shileika was appointed by the board as succeeding secretary.

Since less than one-seventh of the total student body voted on the hospitalization insurance plan, the ITSA decided at the last meeting to postpone any board action until the majority of the student body has voted upon this issue. *Technology News* will sponsor the student poll.

William Barrows Elected President of Frosh Class

The ITSA today announced that William Barrows was elected president of the freshman class in the run-off voting for that office last week.

Barrows polled 21 ballots to defeat his opponent, Lloyd Shook, who garnered a total of 16 votes.

The run-off became necessary when neither of the three original candidates captured a majority of the votes cast in the initial election.

Women's Chorus to Meet

A special meeting of women students and secretaries has been scheduled for 12:30 p.m. on Thursday in the auditorium to organize a women's choral group to sing at the Midwestern Power Conference at the Palmer House, according to Mr. O. Gordon Erickson, music director. The women's group will assist the men's glee club and orchestra in entertaining the members and guests at the conference.

TECHNOLOGY NEWS

Volume 45, No. 4

ILLINOIS INSTITUTE OF TECHNOLOGY

March 11, 1947

1947 Relays to be Run Saturday

Defending Champs



UP AND OVER—Pictured above is part of the Michigan Normal squad, defending champs in the Illinois Tech Relays college division. Left to right are: Garion Campbell, James Brodie, John Easley, and Keith Gundrum.

Underground Movement to Be Discussed at All-School Assembly

"The Underground Partisan Movement in Europe During the Second World War," will be the subject of discussion at the Illinois Tech Foreign Students Association all-school assembly, to be held this Friday, from 11 to 12 a.m. in the Student Union auditorium.

Bruce Clark, president of the ITFSA, will preside over the assembly. He will deliver a few words about the aims and nature of the Association and will introduce the speakers.

Pierre A. Abetti and Erik Paulsen, vice-president and treasurer of the organization respectively, will relate their own experiences in underground activity during the war. Abetti spent two years in the Italian underground and Paulsen, two years in the Norwegian underground. They will illustrate their talks with movies.

On March 22, at 7:30 p.m., all foreign students are invited to a social gathering to be held in Room A of International House at the University of Chicago. There they will be introduced to American students who will become members of the association. There will be dancing and refreshments.

There are some sixty foreign students enrolled in the day school at IIT. Some are here on scholarships given by IIT, some are subsidized by their own government, and some are paying their own way.

It is requested that the questionnaires, which have been sent out to ITFSA students, concerning sports activities, be returned to the secretary of the English Department as soon as possible.

John Sachs Appointed IF Sports Manager

John Sachs was appointed IF sports manager last Thursday night by Bill Ponton, new IFC president.

Sach's first job, will be to conduct the IF ping pong tourney. Other events to be run this semester will be bowling, swimming, soft ball and the track meet. He succeeds Ken Thompson who was sports manager for the past two semesters.

Intramural Bowling Tourney Begins Sunday

The Intramural bowling tourney for team entries will be run off this Sunday. All team entries must be turned in to "Sonny" Weissman's office by Friday evening. The singles and doubles tourney will be run off a week later and those entries must be in by Friday, March 21.

58 Schools to Compete In Largest Indoor Meet

The 1947 Illinois Tech Relays, the largest indoor collegiate track meet in the United States and one of the greatest in the entire history of trackdom, will take over the nation's athletic spotlight this Saturday evening at 7 o'clock when more than

850 individual contestants representing 58 colleges and universities from 11 states respond to the starting gun at the University of Chicago Fieldhouse, 56th and University.

ABC to Feature Techman Guest

Music "Critic" to be Chosen by Students

You know that friend of yours who's so versed on popular music that you've often said, "You ought to be on the radio, bud!" Well, there's your chance to put him there! Disc jockey Eddie Hubbard, who's well known at IIT from his visit here on Dec. 5th, is looking for a Techawk to appear as a special guest critic on his ABC Club.

Selection of Illinois Tech's "platter patter" man will be by a vote to be taken this Thursday and Friday. Balloting will be held from 10 a.m. until 2 p.m. each day in the SU lobby. All Tech students are eligible; their single qualification is a knowledge of jazz discs.

On the air nightly from 10:05 to 11 p.m. over WIND, the ABC Club features a record reviewing session every Tuesday night, during which Eddie's "board of critics" reviews the latest popular discs. Regular critics are professionals like Don Haynes, Downbeat's Chicago editor; George Hofer, who writes the popular "Hot Box" column in Downbeat; and Billboard's reviewer, Johnny Sippel. In addition to these regulars, Hubbard will have someone representing Illinois Tech on his March 18th session.

"We've felt for some time that we need the record buyer's slant in the weekly sessions," said Hubbard, "so we're looking for college students who know music and would be able to express their opinions and criticisms on the air."

Three IIT Students To be on Program "Opinion Please"

"Should the St. Lawrence Water Development Be Completed" will be the topic of discussion this Friday when three Tech students appear on the radio program "Opinion Please."

Students appearing are Walter Garbalinski, senior B and E; John Spence, Senior ME; and Russel Komen, senior B & E. Professor Matcett of the Business and Economics Department is to act as moderator.

This will be the second time during the school year that students from IIT have been requested to appear on a radio program of this type. Last semester, three students discussed the topic of Atomic Energy Control.

A transcription of the broadcast was made by wire recorder last Friday and will be rebroadcast over radio Station WBEM at 10 a.m., March 14. Some of the points to be covered in the discussion are: The effect on industries in the Great Lakes area from increased foreign commerce; effect on U.S. defense; economic soundness of the project; joint control by Canada and the United States.

Gene Dymek to Be Host At FPES Rushing Smoker

The Fire Protection Engineering Society is having a smoker this evening at 8:30 p.m. at the home of Gene Dymek, 1420 W. 73rd Pl. All FPE students—new and old—are invited.

This, the first social meeting of the new semester, offers all Fire Protects a good chance to get acquainted with their fellow students. Bill Ponton, secretary of the organization, promises plenty of refreshments to help in the process of making friends.

TECH TIMETABLE

Items appearing in the Tech Time Table are those which have been scheduled with the Dean of Students' Office.

TUESDAY, March 11
Model Airplane Club, 117C, 12-1 p.m.

WEDNESDAY, March 12
Edw. S. Lee—Assembly for Seniors, Aud., 2 p.m.
Tau Omega, 117C, 2 p.m.
ACS, 305M, 5 p.m.
Dramatech, Auditorium, 5 p.m.
Camera Club, 410C, 5 p.m.
Eta Kappa Nu, 105C, 5 p.m.
Mechanics Colloquium, Auditorium, 8-10 p.m.

FRIDAY, March 14
Foreign Students Association, Aud., 11 a.m.
Interfrat Formal Dance, Morrison Hotel

SATURDAY, March 15
Illinois Tech Relays, U of C Fieldhouse, 7 p.m.

MONDAY, March 17
Dinner for Women, F.D.R., 6-10 p.m.

In the college class, a huge field of 44 schools will fight for the championship now held by Michigan State Normal of Ypsilanti. Included in this group will be Western Michigan, Baldwin-Wallace, Butler, Miami (Ohio), Wayne, Ohio Wesleyan, Bradley, and virtually every other leading midwestern college.

Both defending champions have entered full squads in all-out efforts to retain their titles. E. R. "Doc" Handy, Notre Dame's popular coach, has listed 39 men on his roster, and Michigan Normal, winner in four of the last five Relays, will send a team of 27 contestants.

Dillard Threatens Mark

Not only meet records, but American indoor records as well, may be endangered by such individuals as Harrison Dillard, America's premier hurdler from little Baldwin-Wallace college, who is the only individual in history to hold simultaneously the National AAU indoor and outdoor championships and the National Collegiate outdoor championships in both the high and low hurdles.

Dillard will defend championships in both college hurdle events, having scored a double victory in 1943. He already shares the Tech Relays' 70 yard high hurdle record of .08.8 with Charles Hlad of Michigan Normal and Allan Tolmich of Wayne.

Other headliners who will appear on the program are Dike Eddleman of Illinois, whose 6' 6 1/4" effort in 1943 set a university high jump record; Herb McKenley, George Walker, Bob Rehberg, John Twomey, Norman Wasser, Herb Matter, and Bob Richards, all of Illinois; Bill Porter of Northwestern; Bill Leonard, Terry Brennan, Floyd Simmons, Jack Hunter, and the Smith boys of Notre Dame; Ed Taylor of Western Michigan; Dick Hoerner of Iowa; Earl Mitchell of Indiana; Bud Gattiser of Missouri; Quentin Brelsford of Ohio Wesleyan; Bill Mack of Drake; and a whole host of others.

Both college and university entrants will compete in 14 separate events, including the mile relay, two mile relay, sprint medley relay, distance medley relay, high jump, pole vault, broad jump, shot put, 50 yard dash, 70 yard high hurdles, 70 yard low hurdles, 440 yard run, 880 yard run, and one mile run.

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Eighthtermism

The well established final examination terminating the majority of Illinois Tech's courses has finally enveloped the eighth term student.

This circumstance can be attributed to the weakness of advanced students to a condition we label "Eighthtermism." It is not a synonym for an overdose of social activity, for spring fever or its like, but is a state in which a student tries to complete his college career by figuratively "swimming with the tide with his head just above water." In other words, it is the custom of many students to loaf during their last term with discredit to themselves, to their instructors and to our Institute. The final exams for eight termers have been inaugurated to avoid this difficulty.

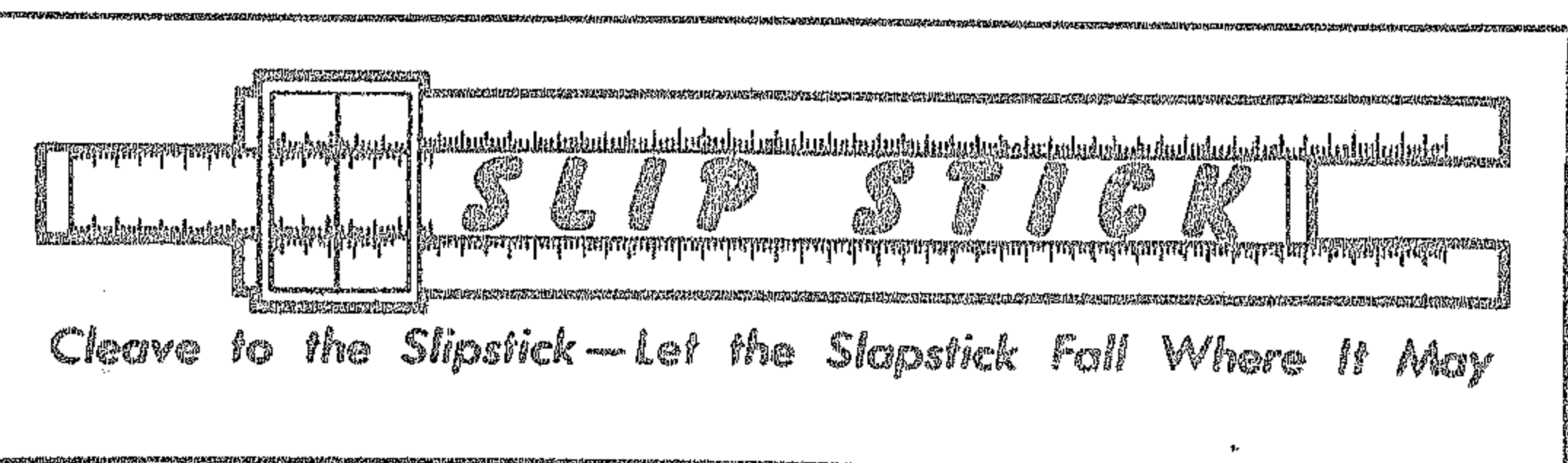
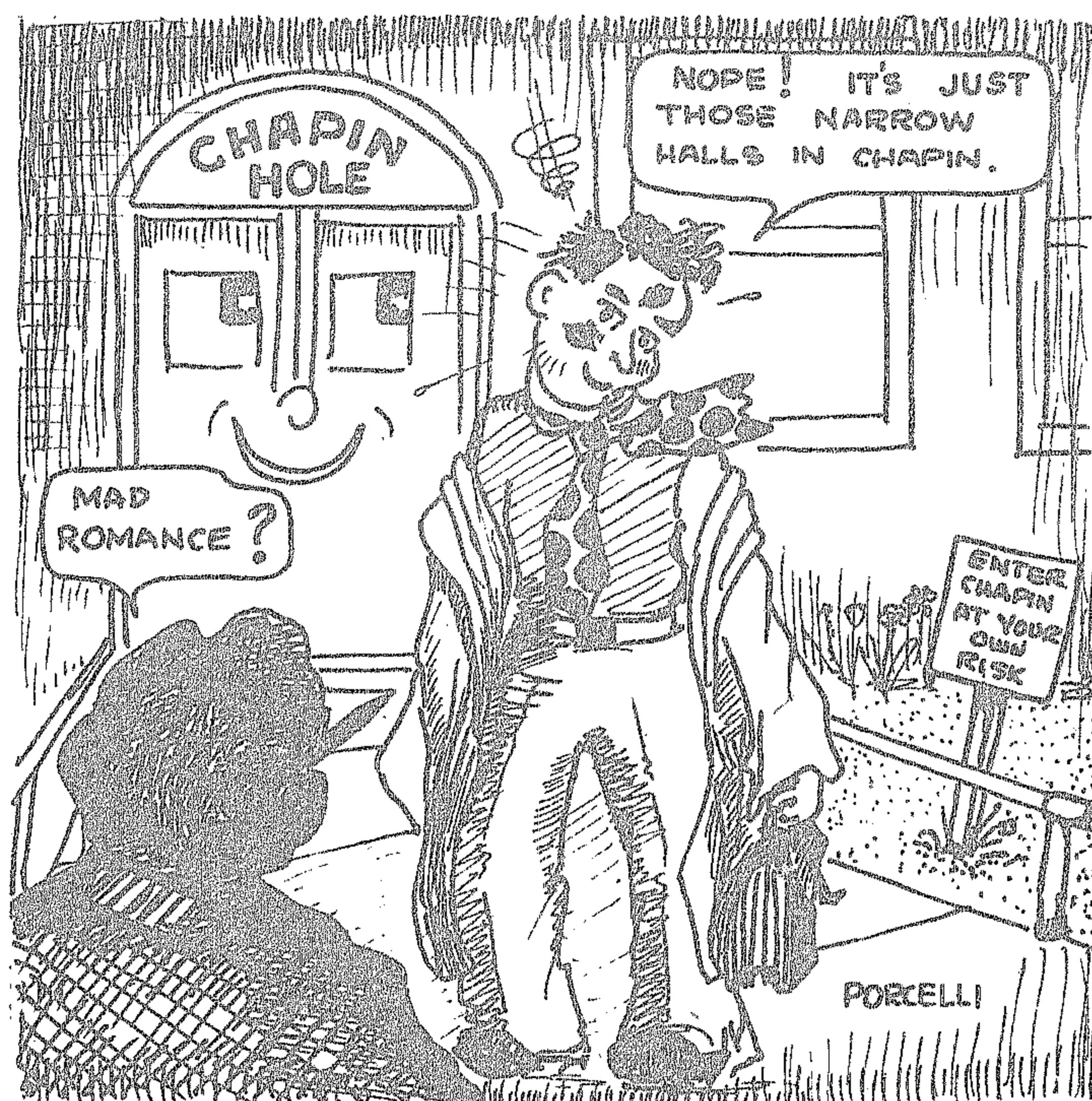
Finals for graduating seniors have been considered for a long time, but the tight schedules never afforded the time, especially when the Navy V-12 was here, but now they are incorporated in school policy mostly because of the aforesaid reasons, commented Dean of Engineering, James C. Peebles. It is hoped that fewer students will now bask in the sunshine and glory of their first seven terms and work instead to achieve a crowning triumph upon receipt of their diploma.

There are some subordinate procedures that will be followed in enforcing this new policy. For example, the instructors of eighth term subjects *must*, if they choose to give finals at all, schedule them earlier than the regular exams. (For this term they will be taken before June 7th, which is the date of the Senior Farewell). On the other hand, seniors enrolled in freshman, sophomore or junior subjects will be required to take finals at the regular scheduled time unless their grades warrant an excuse by the instructor from taking the exam.

It is granted that students are usually the busiest during their last term. Some take part in so many organizations that they must keep all meeting time duly recorded for fear they will miss the session which overshadows an ordinary dull class. In addition, the chiming of the key chain, with its load of brass, informs all that the wearer is a veteran at the college game and is a busy man. Some seniors go to all lengths taking interviews and trying to decide whether they are best qualified as a president or vice-president, but they sometimes forget that they yet hold no degree. A well rounded activities program is no excuse for poor work.

Eighthtermism can be cured; there is a vaccine. All that is required is a little spark of intelligence, a little more burning of the midnight oil, a little cooperation, but most of all—just a little more effort. It is hoped that the finals will cultivate and encourage this effort.

"It Could Happen to You"



Ah, yes, here we are again with our old jokes, taken from back issues of Tech News, Joe Miller's Handy Handbook, and Saturday night taxi drivers.

—IIT—

A certain night club advertiser a chorus of fifty, but we are positive some of them aren't a day over forty-five.

—IIT—

EPITAPH TO MY WIFE

Here lies my wife,
Here let her lie
Now she's at rest
And so am I.

—IIT—

Back seat soprano: "I don't stand for necking."

B.S. bass: "You don't?"

B.S. soprano: "No, standing makes me tired."

—IIT—

Modest: "Did you see that young

lady smile at me?"

Buddy: "That's nothing, the first time I saw you I laughed out loud."

—IIT—

Prof: "Why the quotation marks all over this paper?"

Student: "Courtesy to the man on my right, Prof."

—IIT—

Marriage is like a card game. They start with a pair; he shows a diamond; she shows a flush, and they end up with a full house.

—IIT—

Witty: "What is the difference between a girl and a horse?"

Puzzled: "I don't know."

Witty: "I'll bet you have some swell dates."

(See SLIPSTICK on Page 3)



(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired.)

LETTER TO THE EDITOR: Metric System

When one reads of the U.S. Army making tests on German rockets and jet planes a question arises in my mind. How were the Germans so far in advance of we Americans in science? I realize that we did not wish to develop our science for destruction as did the Germans. Now that we know why they did it the question remains: How? Could this be part of the answer:

"In science as well as in all other fields of learning, a good foundation is important and the tools for their development should be the best obtainable, simple in nature and simple in reasoning." We Americans have the foundation but our tools for thinking (the English system of units) appear to be clumsy, confusing and obsolete. I have heard it said (you engineers will agree) that Americans waste half of their time in science straightening out the English units and converting from the English system to the metric (c.g.s.) and vice versa. If this is true, here is the bottleneck in our scientific progress. Ask any man in that field (for they have the experience) which system he would prefer to use. Invariably the answer to this question would be "the metric system." Why? Because here are the tools that are simple in nature and simple in reasoning.

I assume that we Americans desire a science department equal to

or better than the German, though not for destruction. Then eventually the metric system will supplant the English system. But the man in the street would exclaim that it is rather late to make this change. However, remember that the longer the English system remains the more imbedded it becomes, making it still more difficult to remove. Therefore, the sooner the easier.

To accomplish the change is going to be difficult, because not only does this change need to be made in science but in everything connected with it, down to everyday life. Men intending to be scientists must be taught from infancy a clear way of thinking. In elementary schools metric methods of thought, reasoning, and units could be introduced. To make use of this educational improvement a nation-wide drive should be inaugurated to convert everything now in English to the metric system, having both we could carry on until it would be practical to drop the old, obsolete system.

I Wonder



"Hey, what's that, some new jive?"

"Yeah, it's 'Steamshovel, Ricketty Ricketty' by the Digger and his Broken Spades. Dig me?" Maybe you haven't been dug but it is nice to check.

* * *

The speech course offers more than described in the bulletin, at least for Shirley Langill. It seems that the current classwork is for each student to give some sort of demonstration. One of the first events was posing for a photo. The instructor called upon Shirley, the only girl in the class, for a performance. During the next session a demonstration of dancing was presented with Miss Langill being the guinea pig once more. The deviation from the schedule has aroused the class' expectations to greater heights.

* * *

D. Mandel Freidlan has developed a peculiar psychosis which causes him to register fright at the sight of a classroom chair. In one class Mandel's chair consistently topples over for some unknown reason. Non-partial observers believe that Lois Graham, the red headed Tau Beta Pi girl, has a marked effect on his stability. Good or bad—it's a new technique anyway.

* * *

The latest endeavor of Bill McDonough is positioning the coeds to enroll at "McDonough's School of Charm." The course of study includes "parlor acrobatics" with a practical lab course being conducted by the "cute" Danny O'Connell. Upon graduation the girl's back is tattooed with a "Graduate of McDonough's Charm School." This is purported to entice the wolves at formals and beach parties.

* * *

Backing away into an abyss, the Digger honorably leaves the column for a few more days when it once more comes out, with a few snatches of dirt.

THE DIGGER

Faculty Facts . . .

by John F. Wolfe

Prof. John Henry Rushton, Chairman of the Chemical Engineering Department.

Although John Henry Rushton has been at IIT only six months, he has already impressed fellow faculty members and students with his cordiality and industry.

Dr. Rushton, whose home town is New London, Pennsylvania, began preparing for his career at the University of Pennsylvania. During his undergraduate days there he made his first visit to Chicago with the Mask and Wig Club, a college dramatic group. Getting his start as a member of the glee club, Dr. Rushton was later promoted to the specialty dancing chorus. His memories of pouring desperately over engineering reports in backstage dressing rooms can still bring forth a reminiscent chuckle.

Graduating in 1926 with a B.S. in chemical engineering, Dr. Rushton spent three years in industry before returning to the University of Pennsylvania to earn M.S. and Ph.D. degrees. While attending graduate school he was also an instructor at the Drexel Institute of Technology in Philadelphia.

After leaving Drexel in 1933, Dr. Rushton held posts at the University of Michigan and the University of Virginia, where he was head of the School of Chemical Engineering. All through his teaching years, Dr. Rushton has also been engaged in industrial consulting work. He has been associated with the Dow Chemical Company, and is still technical advisor to the Thermodynamics Research Laboratory at the University of Pennsylvania. He is a member of numerous engineering societies and fraternities, including the American Society of Refrigeration Engineers and the American Society for Engineering Education, and has contributed many articles to technical journals. He is the co-author of the textbook, "Process Equipment Design."

At present, Dr. Rushton is particularly interested in petroleum technology and the application to industry of large quantities of oxygen. During the war, he was on leave of absence from the University of Virginia while he held the position of section chief with the Office of Scientific Research and Development. He was concerned with the large scale production and military uses of oxygen.

Frequently traveling around the country on lecture tours, last January found him speaking to six local sections of the American Chemical Society in the course of one week while in New England. Perhaps because of these many trips each year, he enjoys relaxing at his summer home in Maine, where his energies are devoted to fishing and an occasional game of golf.

Techmen Talk

by Roger Orensteen

Question of the week: Why did you choose IIT to further your formal education?

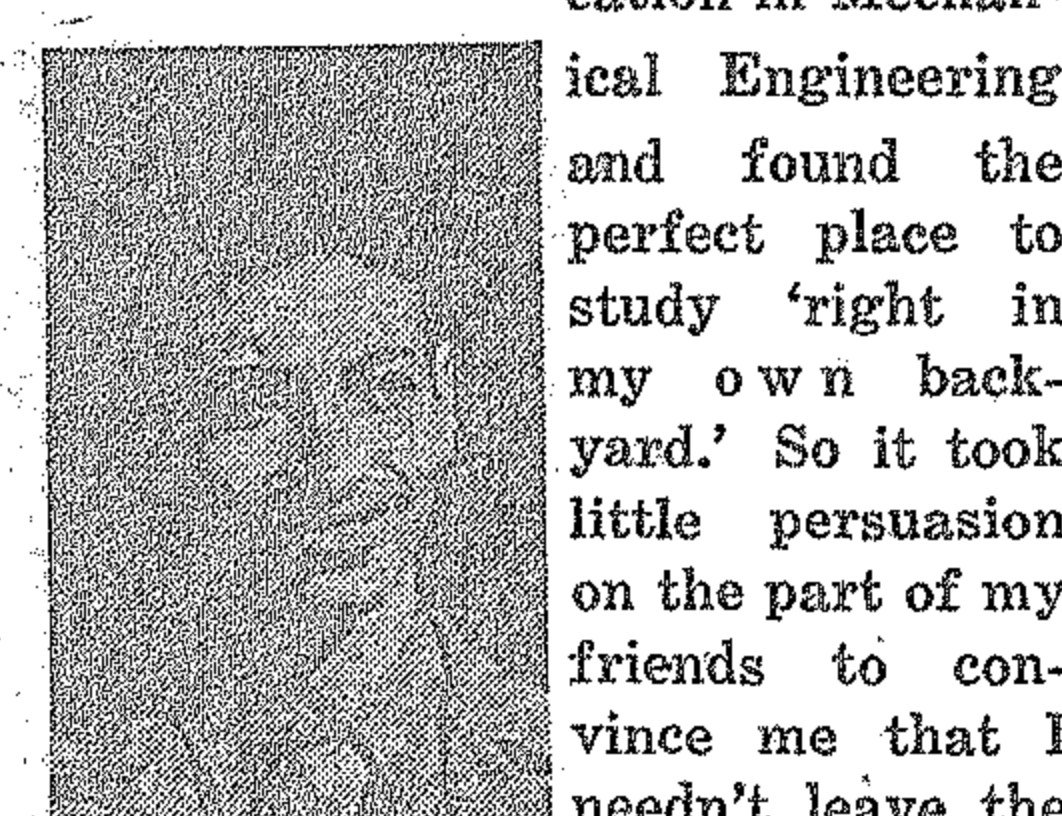
Chitta Ranjan Almaula, Senior ChE: "From my childhood, as a reaction to British imperialism in India, I was much attracted to American democracy — so I always dreamed of coming to this country."

"Not knowing much about the schools in America I referred to the registrar of the University of Bombay about some U.S. school bulletins. I do not know how it happened but the first bulletin that I came across was that of IIT (1944-1945).

"The plastics courses given by Prof. McCormack caught my attention and I immediately cabled Dean White for admission. Within fifty hours I received my reply and was on my way to IIT after 3 months."

Marian Vogel, Freshman HE: "It was mainly on the recommendation of Mr. Spear, director of the Institute of Psychological Services, that I am here. After taking a series of aptitude and psychological tests, it was his advice that I undertake a course in Home Economics. IIT seemed to be ideal for this because it is convenient for me. My father also had much to do with my choice, knowing the fame of IIT throughout the country."

George Olsher, Freshman ME: "I am interested in furthering my education in Mechanical Engineering and found the perfect place to study 'right in my own backyard.' So it took little persuasion on the part of my friends to convince me that I needn't leave the city to study machine design and that it would be a good thing to come out here with them."



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SLIPSTICK

(Continued from page 2)

The navy just acquitted a mermaid for pushing a piano player off a slippery rock. She had laughed when he sat down to play, but when he started running the scales, that was too much.

—IT—

Photographer: "This is my latest picture of work on the new IIT addition. It's called 'Builders at Work,' and is very realistic."

Efficiency Expert: "But they're not working."

Photographer: "That the realism."

—IT—

He: "Ah, you have a lovely mouth."

She: "You've been all over that before."

—IT—

Prof.: "Did you throw that cigarette butt on the floor?"

M.E.: "What?"

Prof.: "Did you throw that cigarette butt on the floor?"

M.E.: "What?"

Prof.: "Is that your cigarette butt on the floor?"

M.E.: "No—go ahead—you saw it first."

Man Of The Week

President of 4A's, Kurt Kuhnle Excels in Student Activities

by Dave Pasik

Kurt Kuhnle, president of the 4A class, had little intention of furthering his education when he graduated from Lane Technical High School in 1939. Instead he went on to serve an apprenticeship in tool making at a small Chicago firm.

In 1944 Kurt joined forces with the navy and was assigned to gunnery school at Great Lakes. While there he developed a yearning for a technical education and applied for the V-12 qualification tests. He proved his ability by coming out near the top among 95,000 eligible men. Because he lacked a language requirement for entrance to Northwestern University, he chose the unit at George Williams College where he remained for eight months, transferring to IIT in 1945. After being discharged from service in June, 1946, he continued at Illinois Tech as a civilian under the GI Bill.

Kurt's school life here has not consisted entirely of maintaining his grade point average, for he has participated in a large number of campus activities. President of the Illinois Tech chapter of the ASME, Kurt has also held the offices of secretary and membership chairman in this group, which is the largest chapter in the U.S. He is a member of Delta Tau Delta, Pi Tau Sigma, the national mechanical engineering honorary, and is one of the students representing IIT in "Who's Who Among Students in American Colleges and Universities." Kurt is an ardent chess player; he also lists among his favorites golf and table tennis. He has been active in intra-

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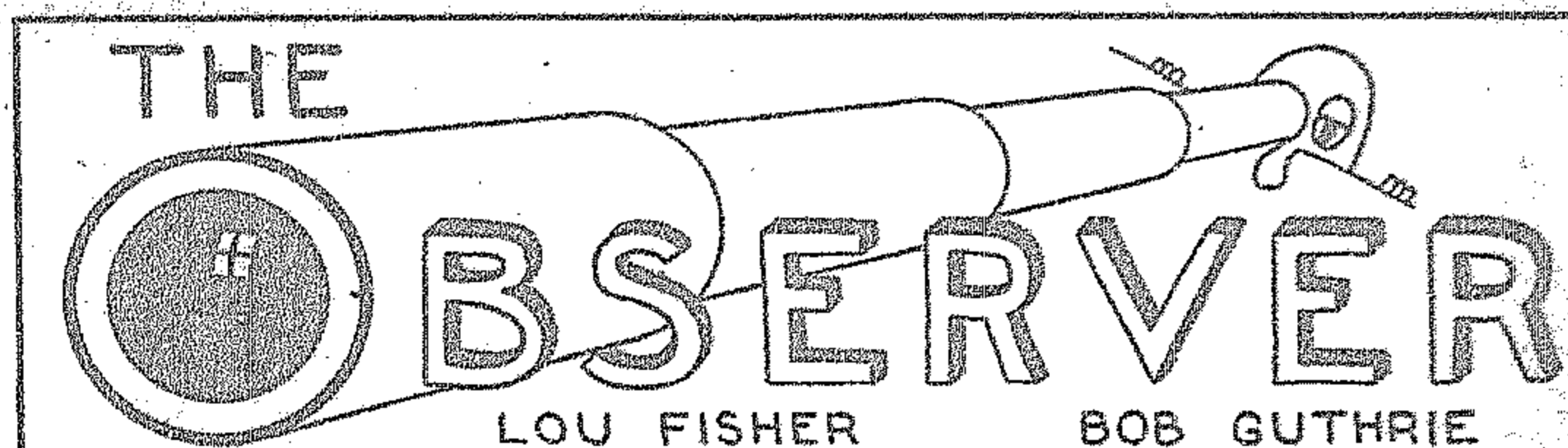
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mural football as well as participating in interfraternity sports.

Kurt is convinced of the necessity of a five-year basic engineering course. He believes that the engineer who gets ahead is the one who knows how to speak and also has a thorough knowledge of business. He thinks that a five year course, with an expanded technical curriculum as well as an increase in liberal studies, would give the graduate a much more complete education.

As for his future, Kurt has not made his final decision. He has a standing offer of a position in the tool firm in which he was formerly employed, but says he will investigate all opportunities.

Vacancies at Graduate House, room and board \$60 per month. Apply at Dean White's office.



Great Books

Busy as an engineering curriculum keeps one, there comes a time when it is possible to read those books that help us to understand the world outside of science. Such books are classified under liberal studies and are necessarily a part of a well-balanced education. It is certainly not advisable to believe only in books, but instead to permit them to enrich one's experience and open up a wider range of knowledge and understanding.

The University of Chicago course in the 100 great books is too well known and established to require any comment. However, other books not on the list, of a more recent origin can be read with profit, and may become classics in time. A must for an understanding of American politics and life is "The Autobiography of Lincoln Steffens." Steffens was one of the group of newspaper reporters called "muckrakers," who exposed the great scandals of the pre-World War I period. His autobiography can well clarify the present scene.

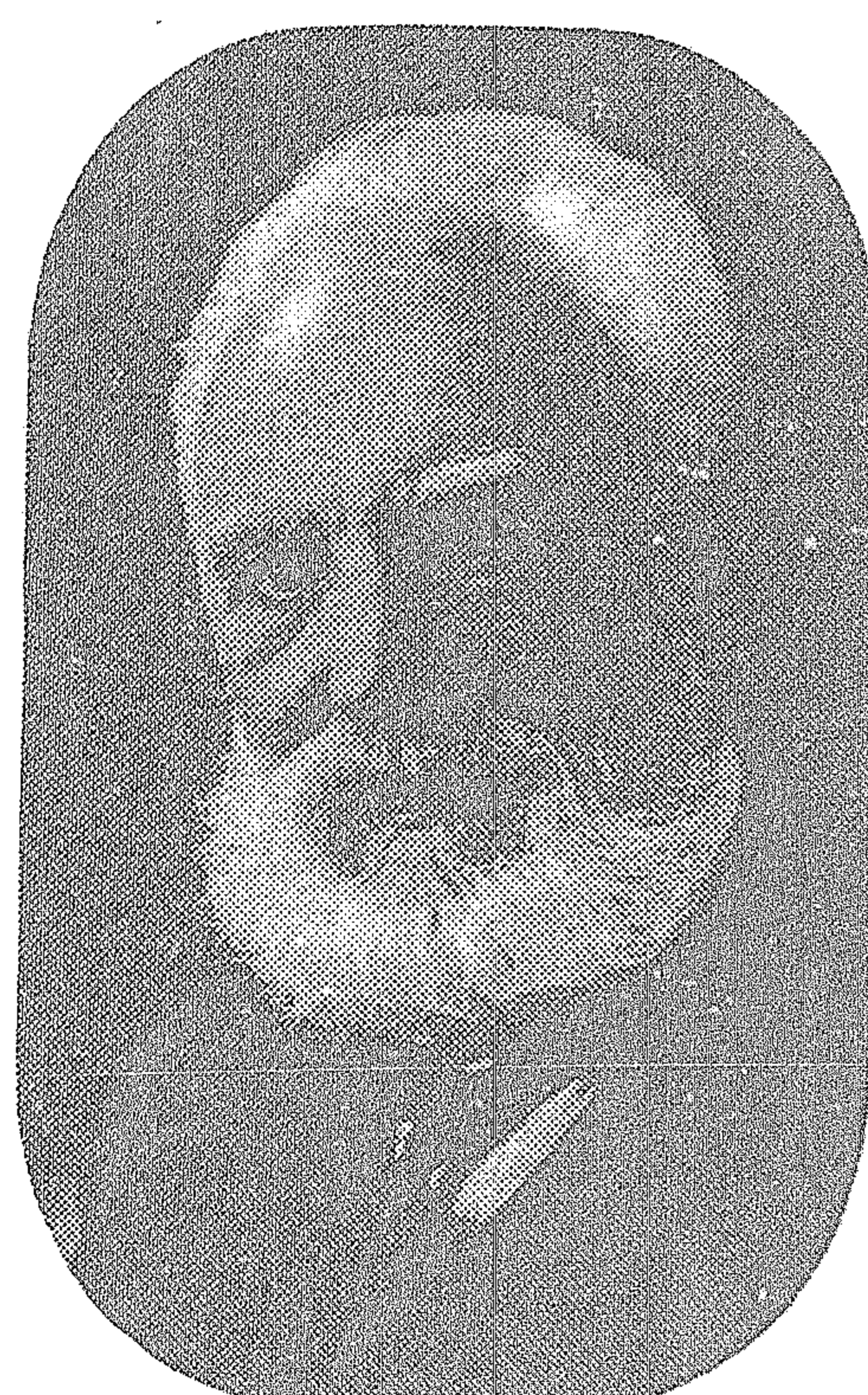
There is of course "The Rise of

American Civilization" by the Beards or "Middletown" by the Lynds. John dos Passos' "U.S.A." is a classic fiction study of the World War I period. Added to the story is the camera eye and the newsreel to give a more realistic picture, while the biographies of prominent individuals of the time are word portraits.

Among the recent non-fiction writers is Pierre van Paassen, whose "Days of Our Years" first appeared in 1939, and was a best seller because of its content and timeliness. This book is partly autobiographical but mostly a thoughtful description and analysis of his journeys as a roving correspondent. It starts out with boyhood in Holland, shifting to Canada where van Paassen's study (See OBSERVER on Page 6)

100th Anniversary of the Birth of Alexander Graham Bell • March 3, 1947

He gave
the world
a new voice



ALEXANDER GRAHAM BELL
by Moffett, 1918.

Alexander Graham Bell was a teacher of the deaf. He was also a trained scientist who made it possible for millions upon millions of people to hear each other by telephone.

The telephone brought something into the world that had not been there before.

For the first time people were able to talk to each other even though separated by long distances.

Horizons broadened. A new indus-

try was born, destined to employ hundreds of thousands of men and women and be of service to everyone in the land.

Alexander Graham Bell was a great humanitarian, not only as a teacher of the deaf, but in his vision of the benefits the telephone could bring to mankind.

Bell's vision has come true. It keeps on being an essential part of this nation-wide public service.

BELL TELEPHONE SYSTEM



Quintet Wins 4; Loses 14

Smart High Scorer of Season with 165 Points

The Techhawk cagers wound up the '46-'47 season with a record of four victories and 14 losses, for a season average of .222. This is the first time since the '41-'42 season that a Tech basketball team has dropped below the .500 mark.

High scorer for the team, with 165 points, was forward Bill Smart, who is the captain elect of the '47-'48 team. Jim Oldshue came in second with 139 points.

Carl Bergstrom, captain of the quintet, hit a mark never equalled for 10 seasons previously when he dropped in 25 points against Lawrence. Bergstrom and Ned Grable tied for the top honors in average points per game with 15.

One of the few highlights of the season was the Great Lakes game when Tech came from being behind at the half by 17 points to win the game, 73 to 70. In beating Chicago Teachers, the cagers established a new IIT scoring record as they piled up 88 points.

The battlers on the team, if fouls are any indication, were Oldshue and Smart, who had 47 and 46 fouls respectively.

INDIVIDUAL TECHAWK Basketball Scoring Records 46-47 Season

Player	Games	FG	FT	FTM	PF	TP
Smart	18	68	29	24	46	165
Oldshue	18	57	25	46	47	139
Grable	9	51	33	19	35	135
Murphy	11	50	31	25	30	131
Bergstrom	7	39	27	11	8	105
Neiswander	8	29	13	19	11	71
Melek	10	17	11	10	11	45
O'Geary	17	13	6	6	21	32
Futterer	7	10	5	7	19	25
Fleck	13	7	4	6	11	17
Sommers	7	7	3	5	11	18
Behrens	11	6	4	5	6	16
Cohn	7	5	5	3	7	15
Swanson	13	5	2	6	17	12
Duiley	15	1	3	5	8	5
Schimmelpfenig	14	1	0	1	3	2
Carlson	3	0	0	0	1	0
O'Connell	2	0	0	1	2	0
Totals	365	261	198	284	981	

Sports Personality of the week

Bill Smart

High point man for Illinois Tech's cagers this year and captain-elect for the '47-48 Squad is Bill Smart, seventh term ME. Bill played football at Lyons Township high school in La



La Grange, won a letter but didn't play basketball until he came to IIT in January of 1941. Since then he's been awarded four letters for his cage efforts.

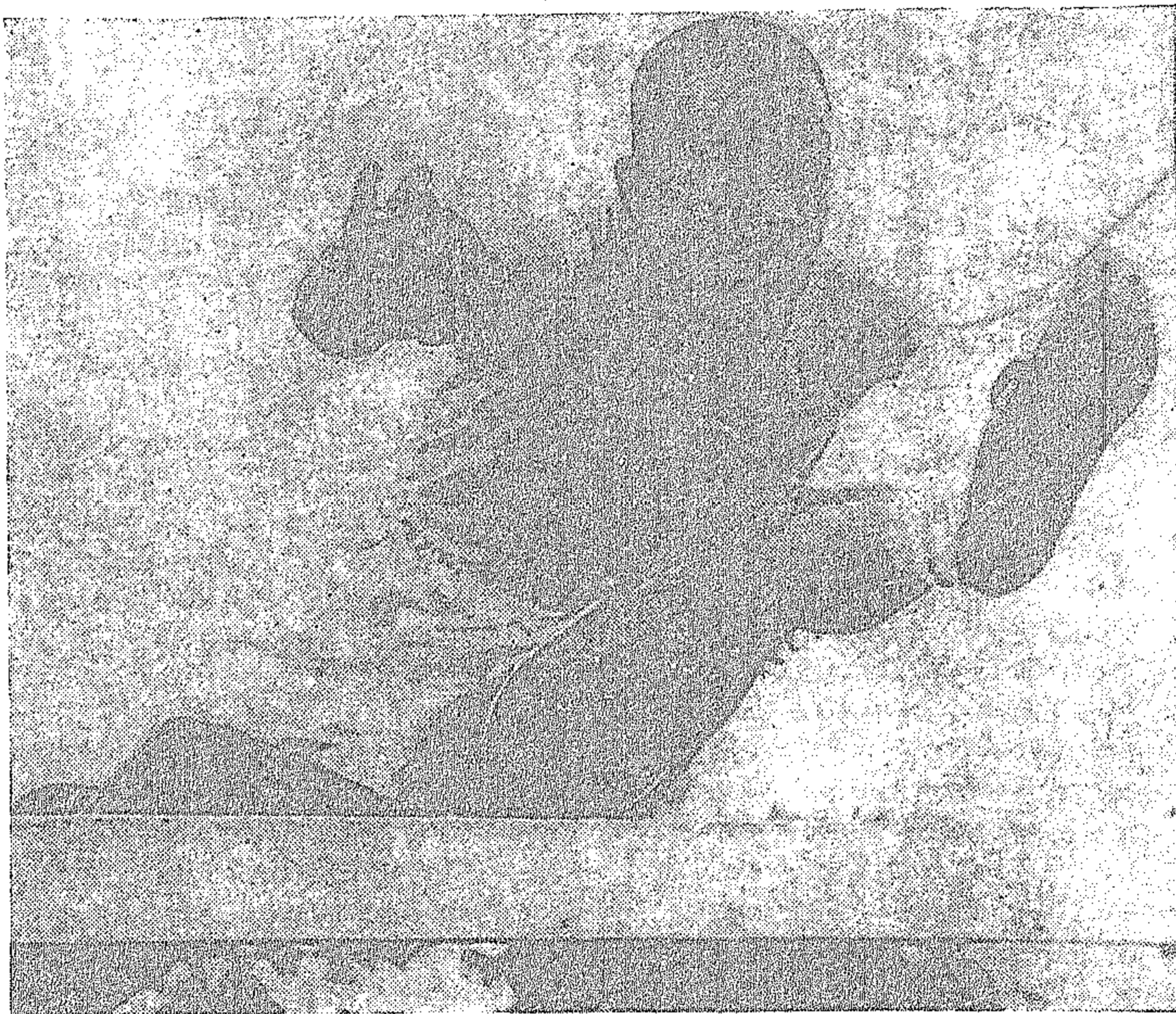
During the war, Bill took flight training with the Navy, was discharged a Lt. (j.g.) after having served as a fighter pilot with the CV, USS Randolph in the Pacific.

Smart takes part in many of the intramural sports, wishes more students would do the same. The lack of school spirit at IIT has long been a sore spot to him, for it's definitely not conducive to winning teams.

During his stay here, Bill has found time to join ASME, be president of his freshman class, past president of Honor I, and has been a freshman adviser. He would like to join more activities and clubs at IIT but claims the long hike between the school and where he parks his car consumes all his extra time.

By Art Ballou

Threatens Indoor Mark



AMERICA'S TOP HURDLER—Harrison Dillard, Baldwin-Wallace's spectacular hurdler, warms up for a try at breaking the American indoor mark. Dillard holds the National AAU indoor and outdoor championships and the National Collegiate crown in both the low and high hurdles.

ILLINOIS TECH RELAY GAMES ROLE OF CHAMPIONS

College Division	Record	Event	Record	University Division
70 YARD DASH				
Randall Herman (Carleton)	:07.1	:07.1	Eugene Littler (Nebraska)	
James Johnson (Ill. Normal)			Walter Shelton (Marquette)	
			Walter Grieve (Illinois)	
70 YARD HIGH HURDLES				
Harrison Dillard (Baldwin-Wallace)	:08.8	:08.8	Edward Smith (Wisconsin)	
Charles Hlad (Michigan Normal)				
Allan Tolmich (Wayne)				
70 YARD LOW HURDLES				
Allan Tolmich (Wayne)	:07.9	:07.9	Robert Kahler (Nebraska)	
Orville Wagner (North Central)	:49.4	:49.3	Eugene Littler (Nebraska)	
Ralph Cobb (Yankton)	1:50.0	1:55.5	Calvin Beckett (Marquette)	
Dave Clutterham (Cornell)	4:22.9	4:08.9	Charles Fenske (Wisconsin)	
POLE VAULT				
Lloyd Siebert (North Central)	13' 8 1/2"	13' 11 1/2"	Edward Thistlethwaite (N.W.)	
Norman Bechel (N. Ill. Teachers)	6' 6"	6' 6 1/4"	Dwight Eddleman (Illinois)	
Frank Davis (Hillsdale)	48' 4"	51' 9 1/4"	Elmer Hackney (Kan. State)	
SHOT PUT				
(New Event)			John Brooks (Chicago)	
BROAD JUMP				
ONE MILE RELAY	3:26.0	3:21.9	Pittsburgh	
North Central				
TWO MILE RELAY				
Miami (Ohio)	8:04.8	7:46.7	Notre Dame	
SPRINT MEDLEY RELAY				
Illinois State Normal	3:33.1	3:31.6	Michigan State	
DISTANCE MEDLEY RELAY				
(New Event)		10:24.5	Michigan State	

Triangle Victorious In IF Paddle Opener

Triangle eked out a 3-2 victory over Theta Xi in the IF Table Tennis opener last Tuesday in the Alpha Sigma Phi house.

Theta Xi started strong with Shook beating Norlander 21-16, 21-19, 19-21, 21-18. Theta Xi's Meller then whipped Leichti of Triangle 22-20, 21-10, 21-17. Art Ballou then started Triangle on the comeback trail trouncing Liska 21-19, 21-16, 21-17. Koditek then evened up the match beating Shermer 20-22, 21-11, 23-26, 21-15. Amstutz and Thompson took the doubles for Triangle beating Shook and Whiteman 17-21, 21-19, 21-17, 16-21, 21-18.

Pi Kappa Phi vs. Delta Tau Delta at Theta Xi
Phi Kappa Sigma vs. Sigma Alpha Mu at Pi Kappa Phi
Alpha Sigma Phi vs. Rho Delta Rho at Triangle
Praetorians vs. Daedalians at Delta Tau Delta

Track Team Places 2 in Midwest Meet

Chandler Sammons and Arnie Harrison had to let their key chains out another notch yesterday as they added new medals to their respective collections. Their latest awards were won in the Midwest Track Meet held in the North Central College field house at Naperville, Illinois. Twenty-four schools were entered in the competition and Illinois Tech garnered four points to rank twelfth.

Sammons came up with his best effort to date in the shot put. It measured 43' 2 1/2" and placed third for three points of the Techhawk total. Harrison, with a leap of 21' 1 1/2" in the broad jump, placed fifth to round out the team scoring.

Next week the thinclads are entered in both the Central A.A.U. (Friday night) and the Illinois Tech Relays (Saturday).

Tankmen Lose in Central Swim Meet

The Techawk swimmers travelled up to Lansing, Michigan, to participate in the fifth annual Central Collegiate conference swimming meet last Saturday, but failed to place a man as Michigan State College beat the nine team field with 102 points. Michigan State scored more points than the other teams combined.

This was the last meet for the Techawks, who had won their first nine meets this season. However, the probation list at the end of the first semester crippled the team badly, and they dropped their remaining meets.

U of Illinois-Big Nine Champs To Challenge Notre Dame's Title

Michigan Normal to Defend Their Championship Against 44 Contenders in College Class Battles

(Continued from Page 1)

In addition to the 28 championship events, the evening program will include special relays for junior college, public high school and Catholic high school teams from the Chicago area.

The field in the Catholic high school half mile relay will include Mt. Carmel, Loyola, St. Mel, St. Rita, St. Ignatius and De Paul. The public league representatives will be nominated tomorrow night from the top qualifiers in their indoor meet.

The program will get under way Saturday afternoon immediately following the coaches' meeting, when six college teams line up for the first heat in the two mile relay at approximately 3 o'clock. At the same time, contestants in both college and university division will buckle down for the finals in the broad jump, a new event inaugurated in the relay program this year.

Other Events

Following in rapid order will come preliminaries and semi-finals in the 70 yard dash, college and university distance medley relay finals, and preliminaries in college and university high and low hurdle events.

After a brief intermission for supper, contestants will return to the fieldhouse for the evening finals which are expected to run until nearly midnight when the last finisher in the concluding event, the university one mile relay, finally crosses the finish line.

Lending itself to the festivities will be O. Gordon Erickson's Techhawk band, which will break into marches and fight songs at the slightest provocation throughout the evening from its choice location in the center of the fieldhouse floor.

This will be the sixteenth in the series of Relays, which were originated by John J. Schommer, director of athletics, and A. A. "Lonnie" Stagg, Jr., back in 1928 following a triangular meet between Chicago, Northwestern and Illinois Tech. Since that time, the meet has gradually grown to major proportions, gaining recognition as the largest indoor collegiate meet in the nation in 1943, and again winning that rating this year.

It is poetic justice that IIT, without any existing athletic facilities worthy of the term, should be the institution to sponsor a meet of this size and scope.

Students may obtain tickets in advance at the Student Union Bookstore this week. Special arrangements have been made to admit members of the student body to the east stands for fifty cents, with general admission to the west stands on sale at the Fieldhouse for \$1.00.

ENTRIES IN SIXTEENTH ANNUAL ILLINOIS TECH RELAYS		
School	Men Entered	University Division
Drake	7	
Illinois	29	
Indiana	22	
Iowa	1	
Kansas State	23	
Marquette	16	
Michigan	33	
Michigan State	6	
Missouri	7	
Northwestern	18	
Notre Dame	39	
Purdue	11	
Wisconsin	26	
College Division		
Albion	5	
Anderson	6	
Augustana	12	
Baldwin-Wallace	22	
Bradley	33	
Butler	10	
Carleton	13	
Case	6	
Central Michigan	14	
Chicago	17	
Coe	23	
Concordia Teachers	14	
DeKalb Teachers	18	
Detroit	5	
Dubuque	4	
Earlham	6	
Elmhurst	17	
Evanston Jr.	6	
Grinnell	14	
Illinois Tech	9	
Indiana Teachers	6	
Iowa State Teachers	15	
LaGrange Jr.	11	
Lawrence	16	
Loyola	16	
Macalester	12	
Macomb Teachers	21	
Miami (Ohio)	13	
Michigan Normal	27	
Milwaukee Teachers	16	
Monmouth	14	
Morton Jr.	17	
North Central	25	
North Park Jr.	9	
Ohio Wesleyan	4	
Rose Poly	11	
St. Thomas	18	
South Dakota	1	
Thornton Jr.	13	
Virginia Union	12	
Wayne	4	
Western Michigan	16	
Wheaton	23	
Wilson Jr.	12	
Wright Jr.	17	
Total Entries	846	

Play refreshed... have a Coke

DRINK Coca-Cola

5¢

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Hrachovsky, Armour Graduate, Pens and Directs Musical Play

by Martin Gabriel

Swathed in a characteristic Moravian, white, holiday garb with a blood red sash flowing from his waist, Frank Hrachovsky, assistant professor in the Technical Drawing Department, sang the leading male role in "Pisen Domova," a Czech musical play.

Staged in two acts and nine scenes the play was cast with over 130 people. It was given in two performances on March 1st and 2nd which attracted an audience of over 3600 people to the J. S. Morton Auditorium in Cicero, where it was held.

Hrachovsky, who received his B.S. and M.S. degrees in architecture from Armour in 1936-37, wrote this highly acclaimed full length production, directed it, and played the leading male role.

The mimodrama was created by Prof. Hrachovsky especially for the Moravian Youth Society which presented it. He arranged the classical music in addition to the folk ballads and lyrics that were the accompaniment in this, his first full length production. The plot was written to portray that one finds content-

ment and home only where his loved ones are and was well characterized by the "dramatis personae".

Born in Czechoslovakia, Hrachovsky studied at the Polytechnic Institute at Brno. Included amongst his theatrical accomplishments are his extensive stage designing at the Czech National Theater; back in America, he was president of the cooperative organization, the Gary Group Theater. Besides producing short skits, Hrachovsky took voice lessons and as a hobby is still studying voice. He was a featured singer for a radio program for nine years and was soloist in the Armour Glee Club while a student here.

After graduating from Armour, he went to work for the aircraft industry and has just recently returned to Illinois Tech to teach technical drawing. Thus, teaching is well rounding out his successful career as vocalist, dramatist and playwright.

Homer Wickham to Play For "Rogues' Gallery," Senior Sponsored Dance

"The Rogues' Gallery," senior sponsored all-school dance, will bring the focus on IIT characters on Saturday, March 29th, in the Student Union building. The 4A seniors, sponsors of the party, have stated that to handle the large expected turnout the facilities of the auditorium, lounge, cafeteria as well as the East and West dining rooms will be used.

Dancing to rhythms of Homer Wickham's band will be featured in the auditorium; refreshments will be served in the cafeteria while the dining rooms will be used as additional checking space and powder rooms.

Highlighting the festivities will be a special attraction to which the name of the dance is a clue. "We are going to make every effort to make this affair one that will literally blow the lid off the old Mission with its conviviality," announced John Basic and Jerry Schneider, co-chairmen of the dance.

The admission charge per couple will be \$1.25 including tax. Tickets will be on sale in the SU Lobby this week between 10:30 a.m. and 1:30 p.m., or may be purchased from the following committeemen: Whitey Hassler, Jake Dumelle, Bill Sirvatka, Joan Nicholas, John Seeger, Carl Weber, Bill Andrews, Ed Blumenthal, Vic Sklair, Norb Silbertrust, John Pottenger, Jim Allbright, Bruce Miller and all senior class officers.

Information for Free

(Continued from Page 3)

tion. In his younger days he was known as the Brain Boy, a tagline which has developed into the more graphic Bee-Bee Brain in certain quarters. In short, some people feel that he is in the genius class . . . and he will be the first to tell you about it.

Now this instructor, whose hairdo bears a striking resemblance to that of the late Gertrude Stein, was in the course of spouting the roll one day, scenting out fire protection engineers. The lad in question, recalling the warning about names and faces, mumbled an inaudible "Here!" when his name was called. The procedure was repeated, again with the same result. A crisis, which might well have rocked "Benjy" back on his well-worn heels, was swiftly approaching.

Slightly impatient, the instructor snapped the name a third time, finally catching the response. Irritated, he scowled at the student with a glare that was intended to fuse the unfortunate with the molecules of the chair.

"Either you're stupid, bub, or I am," he blurted.

Well naturally, prof. . .

U of C Math Head To Address Seminar

Professor Marshall H. Stone, recently appointed chairman of the department of mathematics at the University of Chicago, will address a research seminar in mathematics at IIT this Thursday, at 4:30 p.m. in Room 205, Alumni Hall. Tea will be served preceding the meeting at 4:00 p.m. in the Conference Room, 200 Alumni Hall.

Professor Stone, who was professor of mathematics at Harvard University, will speak on the subject: "A New Treatment of Le Besgue Integrals." Members of the faculty and upper class students interested in mathematics are especially invited to attend.

Elect DeWitt Pickens To Head Pi Nu Epsilon

At a recent meeting of Pi Nu Epsilon, the musical honorary fraternity, the following officers were elected: President, DeWitt H. Pickens; vice president, John Seeger; secretary, Hans Nord; treasurer, James Leichti.

The function of Pi Nu Epsilon is to foster an interest in music on the IIT campus. It is largely responsible for obtaining tickets regularly to the pop-concerts and other musical events in Chicago, as well as the subscription to a box for the regular Opera season. Members are chosen from the musical clubs after four semesters of participation.

ASME Seeks New Members

The student branch of the ASME is sponsoring a membership drive for this week, said Kurt Kuhnle, president. All ME majors are urged to join; they will have the opportunity this week.

A booth will be set up in the lobby of the SU and will be open from 11:30 a.m. to 2 p.m. This is the opportunity of the Illinois Tech men to make it the largest ASME chapter in the country, stressed Kuhnle.

VAN DYKE HI-DENSITY LEADS
for Greater Opacity

There's a vast difference in drawing pencil leads. The HI-DENSITY Microtomic "VAN DYKE" is made of pure crystalline graphite in flake form - it's finer, more compact, smoother and freer from all grit and impurities.

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18 DEGREES

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Chisel shaped leads with the same HI-DENSITY quality are available in six degrees.

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Marlin HIGH SPEED BLADES

GUARANTEED BY THE MARLIN FIREARMS COMPANY since 1870

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CLEAN, FRESH, PURE America's FINEST Cigarette!

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There's an important difference in PHILIP MORRIS manufacture that makes PHILIP MORRIS taste better—smoke better—because it lets the FULL FLAVOR of the world's finest tobaccos come through for your complete enjoyment—clean, fresh, pure!

Try PHILIP MORRIS—you, too, will agree that PHILIP MORRIS is America's FINEST Cigarette!

**NO OTHER CIGARETTE
CAN MAKE THIS STATEMENT!**
Of all the leading cigarettes, PHILIP MORRIS is the only cigarette with an exclusive difference in manufacture—recognized by eminent medical authorities as being to the advantage of those who smoke!

CALL FOR PHILIP MORRIS

ALWAYS BETTER...BETTER ALL WAYS

Excuse Seniors To Hear Talk

All senior engineering students will be excused from classes at 2 p.m., Wednesday, to attend an address to be given by Mr. Everett S. Lee, nationally known engineer, according to Dean J. C. Peebles.

Mr. Lee, who is head of the general engineering and consulting laboratory of the Control Station division of General Electric Company, will talk on the methods and opportunities for advancement in the engineering profession and discuss the professional aid extended to young engineers in their development of professional status. In this lecture, Mr. Lee will outline three methods of advancement: graduate study in an engineering institution, company training programs, and self-progress.

● OBSERVER

(Continued from page 3)

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A sequel, "That Day Alone" is a somber picture of the outbreak of World War II and the fall of France. Pierre van Paassen's most recent book is "Earth Could be Fair." This is a story of his own Holland, but interwoven is the effect of world conditions, before and after the war. Reader's Digest last December took its Christmas story from the pages of "Earth Could be Fair," and it is interesting to note that the author has returned to the ministry. Throughout the book, van Paassen protests against injustice and champions the democratic tradition of science and enlightenment.

There are many other books and authors that can well be read for inspiration, education and enjoyment.

Ex-Navy Men Must Secure Service Record for Bonus

Illinois Tech students with war-time active duty in the navy must secure an official statement of their overseas service for use in connection with their Illinois state bonus. This statement, to be obtained from the Bureau of Naval Personnel, will be necessary to collect the additional \$5.00 payable for each month of overseas service. Former Navy men should give their name and serial number as shown on the certificate of service.

Veterans of the Army, Marine Corps, and Coast Guard generally have discharges which show the exact period of overseas service.

Armour Eye Holds Election

The election of officers of the Armour Eye, campus camera club, will be held tomorrow at 5 p.m. in 410C. Pledges and all those interested in

joining the organization are invited. Details of the extensive Studio Night scheduled for the 21st of this month will also be discussed.

As a reminder, all campus photo-bugs, members or not, are invited to the big affair, and are assured of ample lighting facilities for every type of camera.

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SIX

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CANADA, BRITAIN AND 30 AMERICA. SOLD THE WORLD OVER