

Tau Beta Pi Pledges



HIGH HONOR MEN—Eight students were pledged to Tau Beta Pi, all engineering honorary, last Wednesday. They are: (Front row, left to right) John Hiramoto, Take Taniguchi, Alton Sept and Herman Nelson. In the rear row (left to right) are Karl Bruegmann, John Mitchell, Joseph Odehnal, and Robert Thurston.

Tau Beta Pi Pledges 8 Men At General Student Assembly

Eight men were pledged to Tau Beta Pi last Wednesday at a general student assembly. These eight men included three mechanicals, three electricals, one civil and one chemical engineering student.

The list of students as they were introduced to the students is as follows:

Karl A. Bruegmann, senior mechanical engineer, is president of Pi Tau Sigma, honorary mechanical engineering fraternity, a member of ASME and the wrestling squad. He won an Isodore Prenner scholarship, and has earned all of his college expenses. He was valedictorian of his high school class.

John J. Hiramoto, senior civil engineer, is president of the ASCE and Chi Epsilon, honorary civil engineering fraternity. He was also a member of the baseball team. A transfer student from Stockton Jr. College, Stockton, California, he has earned all of his college expenses.

John N. Mitchell, senior electrical engineer, a transfer student from Central YMCA College, is a pledge to Eta Kappa Nu, honorary electrical engineering fraternity. He has earned all of his expenses by having a full-time job. He has a scholarship both at Central Y and at IIT.

Joseph J. Odehnal, senior electrical engineer, is secretary of the AIEE, a member of the radio club and Eta Kappa Nu, honorary electrical engineering fraternity. He is a transfer student from Morton Junior College and earned all of his expenses while a civilian.

Alton E. Sept, senior electrical engineer is president of the AIEE, vice-president of Rho Epsilon, professional radio engineering fraternity, a member of Eta Kappa Nu, honorary electrical engineering fraternity, and the radio club. He is a [See TAU BETA PI on Page 5]

Dr. Freud to Address IIT V-12 Unit on Friday

"Chemistry in Tomorrow's World" will be the topic of a talk to be presented by Dr. Benjamin Freud to the seamen in the Armour section of the Illinois Tech V12 unit next Friday morning. This fact was revealed by Lt. M. P. Andersen, executive officer of the unit.

Freud, who is chairman of the department of chemistry, will strive to bring out the possible effects of progress in chemistry on the industrial and social structure of society. At the same time he will indicate the opportunities of graduates in chemistry and chemical engineering.

GW Enrollment To Be Reduced

A reduction to approximately 140 trainees will take place in the George Williams section of the Illinois Tech V-12 unit next term, according to James C. Peebles, dean of engineering. There are 285 trainees there at present. The Armour section will be reduced from 406 to about 385.

Of the 120 second semester freshmen now at George Williams, approximately 80 will be retained. The other 40 will be sent to other schools in the navy screening program. Of the 80 to be retained about 50 who are studying electrical engineering will be sent to the Armour section. Most of the remaining 30 men, who are studying mechanical engineering, will stay at George Williams. The men who are now sophomores in either mechanical or electrical engineering will probably be stationed at Armour.

Chi Epsilon Pledges 2 Students, 1 Prof.

Chi Epsilon, honorary civil engineering fraternity, pledged two students and one professor at the close of the ASCE meeting last Wednesday.

The following men were pledged: Prof. Victor L. Streeter, Selwyn Goldblatt, and A/S Herbert Miller.

Scholarship is not the only prerequisite for Chi Epsilon membership. Leadership, school activities and personality are other important membership requirements.

Skolnick Conducts Talk At Math Club Meeting

The Lorentz group transportation and application to special relativity was discussed at the last meeting of the Math Club. Willard Skolnick, sophomore electrical, led the discussion.

The next meeting will be held Wednesday, September 27, in room 105 Chapin.

Revised ITSA Constitution Now Ready for Vote of Students

The entire IIT student body will have an opportunity Wednesday to vote on the revised ITSA Constitution. The ITSA Board of Control approved the revisions made by the committee, and now the students have an opportunity to voice their final approval or disapproval of the measure.

Senior Dance Bid Sales Lag

There is a definite lag in the sale of bids for the Senior Farewell, according to Henry Koci, 4B president.

More bids must be sold by Wednesday. The sale of bids will be between 11 and 12 a.m. daily in the lobby of the Student Union, he stated further.

The following students are also selling bids: John DeCook, A/S Dick Michalek, A/S George Schober, Joe Kaleba, Bob Kasnicka, Joe Algino, Larry Cernauskas and Clare Puchalski.

A fair amount of bids must be sold by the Wednesday deadline in order to sign contracts engaging the band and the room. Bids will also be sold after Wednesday, but the committee requested that those who cannot buy the bids by Wednesday should make notification of their intent to attend the farewell.

Koci wants to stress the importance of this last affair of the present senior class. It is a climax of many years of schooling and "sweat". The bids will cost \$3.50 plus the government tax. The dance is October 7, at the Medinah Club.

Fordham Awarded Admiral's Citation

"For meritorious and efficient performance while under fire," former Aviation Radio Man 1/c Robert Fordham received a citation from Admiral Chester W. Nimitz last Thursday at a general assembly of the George Williams section of the V-12 unit.

The citation reads that "in the face of intense antiaircraft" Fordham, by his action as aerial gunner aboard a dive bomber, materially aided the pilot in completing his run. This was for action over Rabaul.

Pi Tau Sigma to Begin Tutoring Classes Tomorrow for Undergraduate Students

Pi Tau Sigma, national mechanical engineering honorary society, will begin tutoring classes tomorrow.

The tutors will be regular members of Pi Tau Sigma. The classes will be held in 302 Machinery Hall.

Anyone is eligible to attend the classes. The tutors will be seniors or second semester juniors and will give help to anyone in any course they have had.

The tutoring classes will run from 8 a.m. until 5 p.m., with a regular schedule of Pi Tau Sigmas on duty every period, five days a week.

Anyone is eligible to help in the tutoring, provided they are qualified. The classes will be of particular benefit to frosh and sophomores because the Pi Tau Sigmas will have taken the courses in which these students will receive aid. The main courses in which aid is being offered are math, physics, chemistry, mechanics, and elementary mechanics.

The help will be individual and aid is offered only to students who come of their own volition. The other honorary fraternities on campus will also provide tutors later, but Pi Tau Sigma is blazing the trail.

Pi Tau Sigma is beginning these tutoring classes on the suggestion of *Technology News* made a few weeks ago. A year ago members of some of the honoraries conducted tutoring for those taking freshman physics.

V-12 to Be Judged For Officer Rating

Men in the Illinois Tech V-12 unit will henceforth be judged for officer qualifications, according to Lt. Wayne A. Hamilton, commanding officer. The grade the men receive in this field will be strongly considered when making decisions as to where the men will go at the term's end. It will probably be considered about as highly as the seaman's academic record.

The officer rating will go on the seaman's permanent record.

ASSC Makes Final Plans Wednesday for Dance

Final plans for the forthcoming dance will be made by the ASSC this Wednesday, according to A/S George Schober.

Schober also stated that all members of the ASSC must attend the meeting because the final plans of the dance to be held October 14, will be presented.

Honor Board Has Found 93 Students Guilty to Date; Three Dropped From IIT

Despite the little publicity that the Honor Board has received, they have acted upon many of the violators of the honor system. To date there have been 93 such cases acted upon.

A number of things are taken into consideration in deciding the severity of the punishment. Whether the defendant has been before the board before is taken into account. The flagrancy of the violation is also a deciding factor. With these facts and the subsequent evidence in mind, the board then arrives at a decision.

The board can recommend that the violator either be dropped from school, failed in the course, marked down on the particular quiz, or be cleared. The violator may also be placed on probation with the understanding that another violation will bring a recommendation that he be dropped from school. There have been three such cases to date.

Cases of cheating are often reported by students in the class where the violations occur or by professors who detect a similarity in quiz papers. Many cases occur in which one defendant says one thing, but when the other defendant comes up, he says something entirely different.

The usual procedure for men who have been reported for cheating in a quiz and have admitted it is to give

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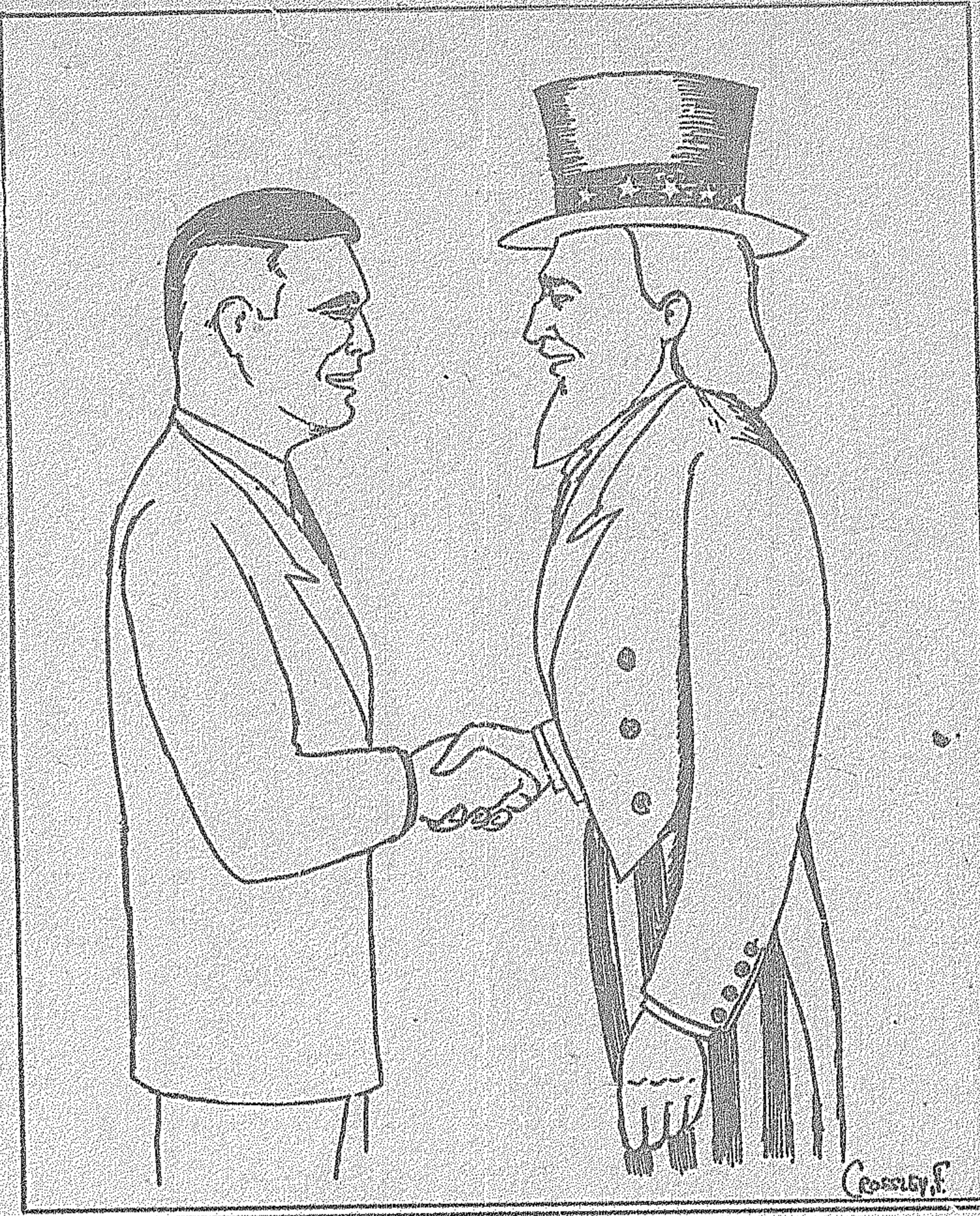
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IIT's Reward For Good Work



Man Of The Week—

Versatility of Interests Marks Illinois Tech Career of Arenson

Don Arenson, the youngest senior at the Institute, is one of the most active students on the campus. Arenson, who is 18, came to IIT in September 1942 on a freshman scholarship, and from that time, his wide range of interests have taken him into a large number of campus organizations and student posts.

Arenson came to IIT from the Roger Sullivan high school where he was a letterman in sports and president of the chemistry club. He might never have enrolled here if a friend had not persuaded him to take the freshman scholarship examination which he passed without much trouble.

At the beginning of his sophomore year, Arenson became interested in the Co-operative Bookstore and started working as a clerk. In about a week's time he was elected president of that organization and held the post until a recent election.

At about the same time Arenson became co-founder of the fellowship of Rochdale, a group of honor students who have put in considerable time and effort working on the Co-op. Arenson was and is first president of that organization.

In his junior year Arenson became head Junior Marshal and Armour editor of the Integral.

His many other interests have led Arenson to become a member of the Rifle team, Rifle Club, Drama Club, and the now inactive Fencing Team. He is now secretary of Armour Eye.

Arenson's hobbies according to his own statement consist of "women, tennis, women, swimming, and ice skating".

Arenson's vocational interest is biophysics, which is a relatively new branch of science with many possibilities for research.



passed without much trouble.

ITSA Constitution

This Wednesday the student body will at last have its opportunity to vote on the ITSA Constitution. After being referred back to the committee an innumerable number of times, it is now in its final form. The ITSA Board has approved the changes, and now it is up to the students to decide whether it should be accepted or not.

Many people about school thought that this voting day would never come, or at least not for a long time. Now, however, the ITSA has actually completed all the revisions it desires and throws the opportunity to the student body to approve or reject this document.

The whole student body should go to the polls Wednesday to vote on this important issue; it is important because it affects them directly. Here is the chance for those perpetual complainers to help build a better student government system at IIT.

The changes made in the constitution are not many, but those made are designed to correct existing faults in the student governing system. For the convenience of those interested in promoting better student government at Illinois Tech, these general revisions are discussed elsewhere in this issue. The whole student body should read them over.

If you are dissatisfied with the new constitution, vote against it. If you believe that it is satisfactory indicate so when you vote. The important thing is to vote intelligently Wednesday.

IIT's War Effort

"For meritorious service above and beyond the call of duty"; this is the way the citations to American war heroes on the far flung battle fronts read. It is the way that citations to American colleges might well read in recognition of their splendid effort in this all-out world war.

As one of the leaders in this effort, Illinois Tech has done more than its share to earn the Ordinance Distinguished Service Award which it will receive October 11. An examination of the Institute's wide educational program substantiates this statement.

For example, over 41,000 Chicago war workers have received instruction since Pearl Harbor in Illinois Tech's war training program. More than 4300 men were trained for the Signal Corps during 1942 and 1943. At the present time almost 150 women are being trained at Lewis now as Signal Corps inspectors.

Then too, the gigantic tasks of training the 690 sailors in the V-12 unit and the over 500 ASPT men that were until recently stationed on the campus cannot be forgotten.

Yes, Illinois Tech has truly earned the citation which it is about to receive. It is fitting that the army has chosen to recognize this exceptional effort.

... Techman Talking

By CHARLES O. HARRIS, Associate Professor of Mechanics

The job of going to college is like any other in that one must be skillful at it in order to do it well. Unfortunately, most of us don't learn how to go to college until sometime after we are through. In my own case, having been enrolled as a student in five different colleges, worked briefly in engineering practice and, finally, taught for ten years in an engineering college, I feel that I have reached the point where I could do a really good job of going to college if I could start over now.

I would realize that the most valuable things I could learn are habits of thinking and working. If I managed to acquire them, the technical information would come as a matter of course. In moments of impatience, when I felt that the course wasn't practical enough, I would recall one instructor whom I hated when I was in his class but admired and respected two years later when I realized how much he had helped me to correct slipshod habits of work.

I would not hesitate to ask questions and I would try to find out just what I was supposed to learn in each course. I wish now that I had done this in freshman English because I still don't know what the object of that course was. I would know that any instructor welcomes questions because he is really trying to help students learn and not trying to see how many he can flunk.

I would realize that in four years of college I would spend about 3000 hours in class room and laboratory and, that if I could learn one thing in each of them, I would know much more than I do now. At the same time, I would not overestimate the value of any one of them and if something of greater importance occurred I would not be a slave to a schedule. In my college days I put this principle to practical test during the hunting season each fall.

Finally, and very important, I would take a much greater part in extra-curricular activities than I did the first time because I know now what I missed by neglecting them.



Last week's diggings tired us out so much we almost didn't make dead-line this week. But people have been turning in tips like mad, and we just had to get the old Shovel out of storage. Maybe some day we'll hock the Shovel and retire to a well earned rest. (Ed. note: "You guys are always resting.") Hey, how did that sneak in? You know we really spend sleepless nights worrying about the troubles all you nice people get into. Oh, well, that's life; so here's the bitter that somehow got mixed in with the better.

Looks like the restriction put on Donnie Lange has proven too much for him. Can't see what else it could be after hearing of the latest of his antics. Seems Donnie was running around Quarters #7 last week with lipstick plastered all over his lips. This wasn't bad enough; he even went around planting large smacks on his quarters-mates. This puts him one ahead of A/S Art Larson of the same quarters who came in from liberty a week ago with a bright shade of "flaming fire" nail polish. Those boys from seven must really be hot stuff. Don't see why some of the eligible males on the campus don't try dating them?

They're all talking at Lewis (especially the girls) about one Dan Thomas who seems impervious to the wiles of the female forte. Dan is the boy reputed to spend 99 44/100% of his time studying. Maybe Dan thinks the girls at Lewis are just not up in his class, but we wonder why he had to revert to taking his cousin to the Kiva theater party of "Oklahoma". Could it be that in this time of a man power shortage he couldn't get a date?

A little note was dropped in our mail box this morning about A/S Phil Jansen. Phil, you remember, was linked in this column with one of the outer secretaries on our campus. Some good people hereabouts are worried about his welfare for we've been informed that he's been spending his time lately with someone called Mary. Wonder who's giving who the business? At any rate it was awful nice of our informant, don't you think?

"Hearts and flowers" are in order for Don (I kissed seven girls at the Integral Ball) Arenson. Irresistible Don is pining for someone who belongs to someone else. Our hearts beat for the boy what has to beat them off (just ask him).

The time is upon us again when we must award the golden green banana. This week's situation is quite different to say the least. Last Thursday morning the Navy V-12 unit had bananas for breakfast—unripe bananas. Result: The navy boys are the uncontested possessors of the green banana this week.

Your faithful servants couldn't quite decide between this next item and the last for the green banana award—it was that close. A/S Art Eger was taking his steady home a week ago Saturday from one of their dates. When he neared her home, Art decided to turn left instead of right so he could "spend more time with her". The young lady, however, balked vigorously. Words were exchanged after which the demure damsel overpowered Art and stopped the car! Thereupon, he concluded that he'd better take her right home. Sad, sad; and the male is supposed to be the stronger of the sexes. Maybe she's a lady wrestler!

Hear about the fate that has befallen Herman Nelson, co-editor of this sheet? Seems that Helen Kluber, Lewis freshman who went to his high school, is setting traps for our boy. Quote Helen, He's cute, unquote. Well!!!

Warning to A/S Harvey Keith of Quarters 3—(he's been boasting that no "line", no matter how good, could take his frail from him)—Fred Olson, sophomore mechanical, is taking up your challenge. Fred's "line" is a sleek convertible. Well, it's your battle; hope you make the best of it.

Hickery dickery dock; the mouse ran up the clock—and jammed the works. And that's why Bob Kasnicka is always late to his 9 o'clock conn law class. Av, that's a fairy tale. Could the real reason be that Nancy C. gets to work about that time? Hmmm?

Our eyes are heavy, the lights are growing dim, again we must say hasta la vista. Come next week and your slaves will once more bid your pleasures. Meanwhile, be good or "it" might get you, and Mammie Yokum might not be around to protect you. If "it" doesn't get you, we will. Hhheeeaaaaa!!!

Campers COMMENTS

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. The Managing Board reserves the right to select and edit the letters to be printed.

LETTER OF THE WEEK: Senior Troubles

What kind of Illinois Tech men do our seniors claim to be? The senior social committee after securing the so called verbal support of the class at a meeting went ahead with the senior farewell by getting a good band and a fine room for the event in a senior's career.

Collegiate World

For many years colleges have elected "Queens" for their various dances and balls. However, Indiana University has a new idea for their sophomore dance, "The Sweater Swirl," they will elect the "1944 Sweater Girl." Each sorority and dormitory will select one of its number as a contestant. The winner will be decided by the entire school in a campaign to begin a week before the dance.

Transportation may be different up North, but its much worse down South. For example, a girl attempting to reach Alabama Polytechnic Institution missed her train. The next regular scheduled train would get her to Auburn, the town where Alabama Poly is located, late at night. After a great deal of inquiry and waiting, she found that a baggage train was going to Auburn in the afternoon. She then had to persuade the conductor to take her along. He eventually agreed to this unorthodox method of going to college. Her travelling companion was a long, grim-looking box covered with flowers. What price education!

A tradition at Carnegie Institute of Technology at Pittsburgh was upheld when boys of a campus fraternity, Beta Theta Pi, serenaded the new freshman girl students. Their repertoire included ballads, love songs, and songs of the fraternity.

—A/S ALLAN KUKRAL

Yet in spite of the extra attractions and guarantee of an exceptionally fine time the senior class as a whole has refused to purchase the tickets in advance so that the committee may make the contracts. At the class meeting, the price was agreed upon as not being too high. Now that it is time for the cash to be produced they no longer seem so enthusiastic.

The senior farewell has long been an Illinois Tech tradition. It is the last chance for the men who have successfully gone through school together for four years to get together for a social event. It should be a lasting memory in the minds of every senior. In the past it has been a "must" with every upperclassman. Seniors, let's not slacken now. Let's make our senior farewell something to remember in the years to come. Let's back the affair 100% and really put it over in terrific style.

A Senior

Library Noise

There is seldom much noise in the library. Most conversation there is of a necessary technical nature. This is usually conducted in a low tone of voice. The noisier students prefer the lounge. However, certain librarians go out of their way to make a big fuss over some subdued conversation. A librarian's function at an institute, of higher learning does not include taking disciplinary measures. The noise they make in attempting to assert themselves disturbs those who are trying to study. Any excess noise in the library can be stopped by the students themselves in typical co-operative manner, when they are disturbed.

S. A.

IIT Inquiring reporter

QUESTION

Should we keep the selective service after the war and why?

ROBERT BROWN, Junior Mechanical: I believe that selective service should be kept after the war. One should have about a year of training but this training should be given to a fellow just when he gets out of high school. College students should not be drafted when



they are going to school. One of the reasons why everyone should have some military training is because it gives one a different lookout on things.

BOB KASNICKA, Senior Mechanical: It is hard to say whether selective service is a good thing or not in time of peace. There is no doubt that some sort of system will be needed after the war in order to maintain a sizeable fighting force. There are a number of reasons for a maintenance of this army. First, a large army of occupation will be needed for the defeated countries for quite some time after the end of hostilities. Secondly, men must be procured to replace the fellows who have spent a year or more in the army already.



WILLIAM KRONE, Senior Mechanical: Yes, we should have selective service after the war. Our peace time selective service should be set up so everyone should have at least one year of service. For college students there should be some plan whereby the student would have to take ROTC or during his summer vacations have to go to a military camp.



ROBERT E. LOOMIS, Sophomore Fire Protect: High schools are often said to be a stopping off place for children during their transformation into adulthood. If this is so, what better method for assisting a fellow in his growth could be used than having him serve his summer vacations in military training. Before this present conflict broke out, the CMTC (Civilian Military Training Corps) in conjunction with the ROTC was doing great work along these lines.



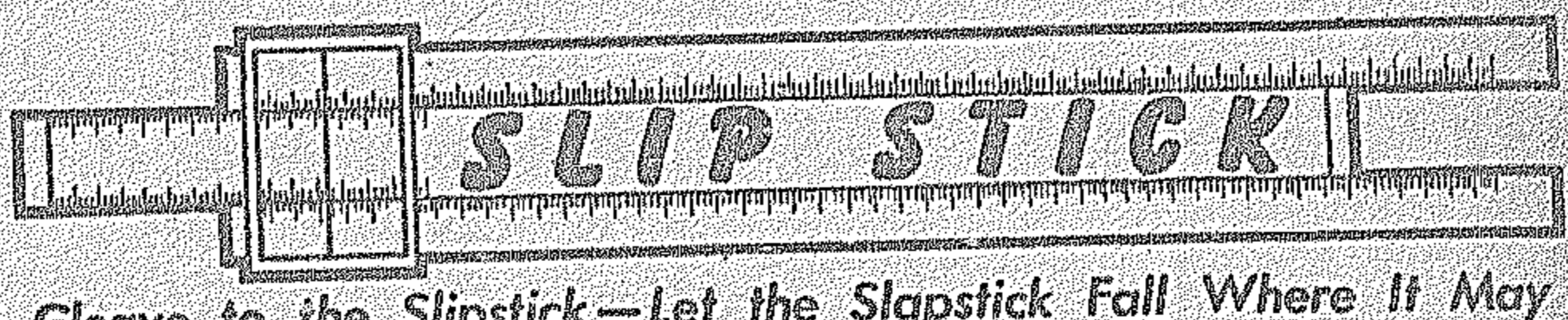
JACK SCHMIDT, Sophomore Mechanical: The selective service act should be kept in force after the war for national security. Not on the assumption that we will need to fight another war, but that a war can be avoided if because of our military strength, no other nation will dare to provoke a war with us.



—LEONARD BROWN

Slapstick

A/S RICHARD KUBA, senior electrical, played freshman end for Wayne University . . . While in high school A/S DON LANGE, junior mechanical, won a four year scholarship to Harvard University . . . BILL CHRISTENSEN, freshman mechanical, is called both William and Bill, but only his draft board card reveals his correct name, Billy . . . R. A. BUDENHOLZER, assistant professor of mechanical engineering, lived for five years in a log cabin which was fifteen miles from the nearest town and forty miles from a railroad; he lived here from the age of one to six . . . R. V. PERRY, professor of machine design, was the only member of the first graduating class from Armour Institute to become a teacher. He graduated in 1897 . . . ELIA STERNBERG, instructor of mechanics, has studied in universities in three different countries, University of Vienna, University of London, and the University of North Carolina . . . A/S RICHARD PETERSON was circulation manager of both his high school paper and the Daily Maroon at the University of Chicago . . . PERRY WINSTON will start his junior year at IIT next November, but at present he has not graduated from any school . . . At one time the basement of Main Building was also used as a cafeteria.



Cleave to the Slipstick—Let the Slapstick Fall Where It May

Let's have a little cheer! Too many of you are going around with sad expressions, and troubled minds (obviously from homework). So for the moment let's forget all our cares and take a gay attitude. Off we go with some of the specials I've been saving.

—IIT—

Overheard in Placement Office:
 Perturbed Senior: Where in h— is Economy Fuse Co?
 Helen (very nonchalantly): Oh, they just blew out.

—Attention Seniors—

Drunk Story:
 Policeman (to intoxicated man who is trying to fit his key into a lamp post): I'm afraid there's nobody home there tonight.
 Whiskey Willie: Mus' be, mus' be. Thersh a light upstarish.

—Merriment—

Stanislavas: Why don't you like girls?
 Jonas: They's too biased.
 Stanislavas: Biased?
 Jonas: Yes, bias this, and bias that — until I'm busted.

—Gayety—

A mother was recently disturbed over the two day absence of her daughter, but everything was all right when the girl returned with a Gideon Bible under her arm.

—Relaxation—

Restaurant Note:
 Young, very shapely, exotic waitress: How many lumps shall you have in your tea?
 Quiet Lad: I'll take mine smooth, please.

—Amicability—

Military Note:
 Guard: Who's there, friend or foe?
 Voice: Foe!
 Guard: Hey, corporal of the guard, what the h— do I do now?

—Delight—

Tattoo artist to departing sailor: And remember, don't sit down for a couple of hours. Give Hitler's face a chance to dry.

—All—

Cry of the wolves: "Melske-mas mus" (Let us prey)

—At—

I like the football season. It's the only time of the year when you can walk down the street with a blanket on one arm, a girl on the other without having people ask you so many dog-gone questions.

—Senior Farewell—

So they say:
 Fifty percent of the girls smoke. But the other fifty percent aren't so cold either.

—IIT—

He fascinated me, so I kissed him. Then he started to un fascinate me, so I slapped him.

—IIT—

Back to your work now fellows, for you know that engineering is just like women, in that they both require hard work.

—LARRY VYTAUTAS CERNAUSKAS

Illinois Tech Vets

THADDEUS PERRY

Thaddeus Perry, sophomore ME aero, recalled last Thursday the invasion of Vilno, Poland, by the Russians in 1939.

Perry and his mother had gone to Poland in 1935 to take charge of his paternal grandfather's estate, his father being unable to leave his business in this country.

In a period of less than two days, Vilno was subjected to two air raids and a heavy siege by the Soviet army, before the city officials ceased the useless fighting and surrendered the town to the Russians.

During the first air raid on September 15, the populous was strafed. The raid was principally aimed at the railroads and stock yards, where the damage was small. The anti-aircraft defenses were silenced. The second raid was by nine light bombers and seemed only for observation, but a church was bombed. The city could only resist with anti-aircraft fire, for the Polish planes had been taken to the Western front.

Two days later, word was reached that the Russians had broken through the border only a few miles away. During the ensuing two day siege against the town, Perry helped dig ditches for the populous and anti-aircraft positions.

When the fighting had ceased openly, sniper groups sprang up and harrassed the invading army. He saw one tank crash through a bridge and plunge into a river when the driver was shot in the head by a patriot.

When the Soviets entered the town, they immediately confiscated everything, including all the food.

The estate in Poland which had 350 acres and a large sixteen room house, is now in the hands of the Russian government.

Perry finished grammar school and the first two years of high school in Vilno, moving to the city during the school term, and back to the estate during the summer vacations. He recalled that he started his third year of high school just two days after the declaration of war. However, school was closed within the week, for most of the professors were in the Polish reserve, and the children were needed for aircraft observation.

—A/S TRENT KNEPPER

dis & data

Illinois Tech was the first college in the nation to offer courses training women for specific, technical war jobs. It trained 1060 women in these tuition-free, full-time courses for jobs as industrial chemists, draftsmen, ordnance inspectors and metallurgy technicians.

Illinois Tech was also the first college to offer "white collar" men a war training course. A sort of "industrial officers" training school, this course, formally known as "Fundamentals of Industrial Engineering," adapts a "white collar" man's peacetime talents for a position of leadership in war industry. A total of 678 men, whose ages have ranged from 19 to 69, with an average age of 41, have been trained in these courses.

Illinois Tech also offered the first training courses in synthetic rubber, food dehydration and ordnance inspection.

—dis & data—

Until the Army took over all such training, Illinois Tech conducted the largest and most advanced Signal Corps training program in the Sixth advanced Signal Command. From May, 1942, to July, 1943, Illinois Tech trained 4316 men for the Signal Corps.

For the Office of the Chief of Ordnance, U. S. War Department, Illinois Tech conducts and administers the nation's only School for Safety Auditors. Generally known as the "Explosives Safety School," this school trains experts for the nation's 600-odd munitions plants. Only personnel of the armed services or civil service appointees attend this school, and 366 persons have trained here since the school was established in August, 1942.

A truly Chicago institution, more than 90 per cent of Illinois Tech's civilian students are always from the greater Chicago area.

Armour Tech was founded through the famous "million dollar sermon" by the Rev. Frank W. Gunsaulus. Rev. Gunsaulus, pastor of the then fashionable Plymouth Congregational Church, preached a sermon on "What I Would Do If I Had a Million Dollars," and proposed to start an engineering college where deserving boys could earn a college education. Philip Danforth Armour provided the million, and the college was born.

—dis & data—

Designed by the famous Mies van der Rohe, the campus will be of modern, functional buildings. So revolutionary is its construction that "Architectural Forum" has asked for a "first crack" at publishing reports on each building as completed—and devoted a three-page spread in its November, 1943, issue to telling about the first, the Metals and Minerals Research Building.

7A Defeats 2A In Rough Game

3B Triumphs Over 1B In a 6 to 0 Deadlock

The second week of navy intramural touchball found 7A defeating 2A 2-0. This was the highlight game as both teams were estimated to be of the equal caliber by navy men.

The tally was made when Jack Hammock of 2A attempted to punt, from deep in his own territory. Ned Grable of 7A rushed in and blocked the punt which rolled in the end-zone where Jim Jarvis of 2A fell on it.

On Tuesday night 3B pushed the ball over once to win 6-0 over 1B. Although 3B threatened to score several times a staunch 1B team made the necessary goal-line stands to keep the game rather even.

Thursday evening found 4A victors over 3A by the close margin of 7-6. The game was a tight match all the way through but when 3A failed to make the try for an extra point after the touchdown, the slim margin of one point proved to be the deciding factor of the contest.

Team 2B found an easy mark in 5B and drove out a 19-0 victory. The long passes 2B completed along the sidelines insured the ultimate victory.

On Friday evening the touchball tourney began to operate under a new time schedule. The games were begun at 5:15 p.m. promptly. The new time for the beginning of the games will continue in effect until the close of the season.

On Friday evening, operating under the new time schedule, 5A lost a 6-2 decision to 2AA. Freddy Randall intercepted a 5A pass and departed on a touchdown jaunt from midfield. Bill Arn stepped out of the endzone when he was attempting to throw a pass. This scored an automatic safety for 5A.

Finally 6B dealt a 14-2 defeat to 4B. Glenn Boston caught two touchdown passes to score for 6B. Earl Danielson, of 6B, attempted a forward pass and stepped behind the end-zone to give 4B their two points.

Horseshoe Tourney



VERY CLOSE—Tadz Grabacki, left, and Fred Pancner are shown during their recent match in the intramural horseshoes tournament.

Brown Leads Rifle Team in Two Meets

Led by Leonard Brown the rifle team split their first two matches of the year. They defeated the Stevens' Institute in a postal meet 875 to 834 and lost to the University of Chicago 883 to 871.

Shooting a 185 and a 184, Brown out-pointed all competition for individual scores.

In the individual matches the scoring went as follows:

Illinois Tech	Score	Illinois Tech	Score
Brown	185	Brown	184
Schmidt	174	Schmidt	177
Parisoli	174	Loomis	171
Loomis	173	Wilt	170
Ransom	169	Parisoli	169
	875		871
Stevens Inst.	Score	Univ. of Chic.	Score
Robbleto	174	Stetson	183
Bebbington	170	Sulley	177
Bahr	167	Orr	177
Groh	165	Wright	171
Zimmerman	158	Herts	169
	834		883

A tentative shoulder to shoulder match is to be held with the University of Chicago on September 29. Sometime in the not too distant future a return postal match will be held in the same manner as before.

Four Teams to Play in Finals

After nine weeks of play four teams have emerged as finalists in the intramural softball tournament. They are the Senior Mechs, Senior Chems, Junior Mechs, and last but not least, the Soph-Isticates.

The champions will have been decided by Wednesday night after three games have been played. In the first two games played at eleven a.m. Wednesday the Senior Chems will meet the Junior Mechs and the Senior Mechs the Soph-Isticates.

Later on at 5 p.m. the same day the winners of these two games will meet to battle for the title and the intramural awards.

In the battle to decide the fourth team to be in the finals, the Junior Mechs defeated the Freshmen Rats 12 to 3. Previous to this game the two teams had been tied with three losses apiece.

Earlier in the week the Junior Mechs met the Senior Mechs and were defeated 6 to 2. Augie Clemens, the Senior Mechs' pitcher, allowed the Juniors only six hits. Aiding the Senior's cause was Hank Koci who knocked out two home runs.

In their other game of the week the Senior Mechs won by forfeit from the Freshmen Socks.

The Soph-Isticates lost a close one to the Senior Chems 9-8. Winning 8 to 7 in the sixth inning the sophomores lost the lead when the seniors scored two runs. A rally on the part of the Soph-Isticates failed to materialize in the seventh inning.

Results Incomplete In Tennis Matches

Play in the intramural tennis tournament continued in the usual manner last week with several results not being turned in.

Those that were turned in are:
Wilt Cox beat Bill Nash, 6-1, 6-4
Dave Afton beat Martin Friend, 6-1, 6-0
Fred Pancner beat Sidney Baluk, 6-3, 6-1

These winners advance in their bracket, and it is estimated by Koci that the tourney should be over in the next couple of weeks.

If results are not turned in correctly or turned in at all a forfeit is suffered by the offending party.

INTRAMURAL TENNIS SCHEDULE	
Tuesday	5:00 p.m. Goldenberger vs. Hawrylewicz
Wednesday	Hill vs. Malis
Thursday	5:00 p.m. Arima vs. Suriano
Friday	Afton vs. Pancner
Saturday	5:00 p.m. Cox vs. Kogen

Triangle Beats Alpha Sigma Phi To Win Fraternity Softball Cup

For the second year in a row Triangle won the inter-fraternity touchball tournament by defeating Alpha Sigma Phi 7-5. In a game to decide third and fourth place, Delta Tau Delta was overwhelmed by Pi Kappa Phi to the tune of 9-2.

John Schommer All Time Great

All time All-American in basketball.

All Western and All-American in football.

An Olympic selection in track.

This is John J. Schommer, director of athletics at Illinois Institute of Technology.

Most students have heard that John Schommer was a great athlete in his day, but few realize the unusual heights which he attained. He was the first man in history to win letters in four sports at the University of Chicago and is one of the all time sport greats of the world.

John was captain of the Central YMCA team which won the world's YMCA Championships at the St. Louis World's Fair in 1904. He was high scorer of the team which defeated all comers including several university teams such as Kansas, Nebraska, Haskell and many others.

Schommer was the Western Conference leading scorer for three suc-



cessive seasons, 1907, 1908, and 1909. In one season, that of 1908, he scored 275 points in 19 games, an average of 14½ points per game. He frequently threw eight to twelve field goals per game, and he had a college record of 18 field goals for one game. John could shoot from anywhere on the floor and was probably the greatest long shot artist the conference has ever seen.

Recognition of the talent which Schommer displayed in the cage sport came last spring when he was chosen by the Helm Foundation of Los Angeles as an all time All-American basketball player.

John's prowess in other sports was just as sensational. He was all Western end in football and a member of the championship teams of 1907 and 1908. Schommer had what football fans call now a "Golden Toe", being an outstanding place kicker, and he was also an expert pass receiver.

In baseball he was a slugging outfielder, also sometimes playing first base, leading the Western conference in hitting and in home runs in 1908. He had a batting average of more than .400.

Highest honor that can come to an American trackman was given to Schommer in 1908 when he was selected on the United States Olympic team. John was named as a competitor in seven events, the standing and running high jump, the standing and running broad jump, the hop, skip, and jump, the weights and the discus.

John is still active in athletics, as he is director of athletics here at IIT. And, of course, every sports fan knows John Schommer, the football official, one of the professional league's most colorful arbitrators. However, Schommer's principal occupation is directing placement and being professor of industrial chemistry.

This was the fourth time the present softball cup has been fought over. The first time it was won was by Alpha Sigma Phi back in 1941. In the following three years it was won by Rho Delta Rho and twice in succession by Triangle. To obtain permanent possession of the cup it must be won by a fraternity three times.

In the championship game the Alpha Sigs drove to a three run lead in the second inning on an error in the opponents outfield which resulted in the two men on base and the batter crossing home plate for a score.

Triangle retaliated in the third inning with one run and went into the lead in the fourth inning when four runs were recorded to make the score 5-3. This lead was lengthened by two runs in the fifth inning.

In the last half of the seventh inning a rally on the part of the Alpha Sigs petered out after two runs were scored. The game ended with the score at 7-5.

For the winners Bob Kasnicka pitched a six hit game. In all he made sixteen of his opponents pop up. Backing him up in the scoring column was Hank Koci who hit the only homer of the game.

Outstanding for the Alpha Sigs was A/S Roy Schimmelpfenig who banded out two hits in three times at bat while fielding exceptionally well in left field.

The final standings of the fraternity teams are:

TEAM	WIN	LOSE
Triangle	4	0
Alpha Sigma Phi	3	1
Pi Kappa Phi	2	2
Delta Tau Delta	1	3
Sigma Alpha Mu	0	4

A touchball tourney is to be planned for the future depending on the opinion of the individual fraternities, announced athletic manager Hank Koci.

He also said that to have a balanced schedule it would have to be played out before the end of the semester as many of the teams would lose men at the end of the term. Any ideas or opinions would be gratefully received, said Koci.

Horseshoe Tourney Has Many Forfeits

Even though only two doubles matches were played last week, the intramural horseshoes tournament continues in an effective manner.

There were no official single's matches so it is assumed that the scheduled players forfeit.

The scores of the two games played went as follows:
Pancner—Grabacki beat Bielicki—Schaschl, 21-16, 8-21, 21-4.
Steward—Gavin beat Kogen—Cox Forfeit.

Games to be played this week are posted somewhere on the sports page and an additional check may be made by looking at the Intramural Bulletin Board in the lobby of the Student Union.

INTRAMURAL HORSESHOE SCHEDULE	
SINGLES	Tuesday
5:00 p.m.	Grabacki vs. Cox Kogen vs. Bielicki
5:00 p.m.	Wednesday Leydig vs. Slazinski
DOUBLES	Thursday
5:00 p.m.	Stryzek-Leydig vs. Gavin-Steward

TECH SHORTS by TOM KILGARIFF

Athletic activity on Ogden Field has been increased many times due to the daily contests of the navy intramural touchball tourney. This much sign of life in the student body hasn't been shown for over a year. With two games going simultaneously, continuous entertainment is provided to those spectators adorning the sideline splitting the field in two. One of the trainees came up with the bright suggestion that the games be synchronized with one team in action on a play while the other team is reforming preparatory to having another play. Thus, no play would be missed by the energetic spectator.

With the evenings becoming shorter as winter approaches, game times have been changed to offset this factor. From now on all games are to be played at 5:15 p.m. sharp instead of the usual 7 p.m. affair that ended in darkness.

On reviewing last week's touchball games it is noticed that three safeties were scored in six games. The reason for that is the short end-zones. But the short end-zones are justified by the fact that the only way to lengthen the end-zone is to extend it to the sidewalk. If this is done the chances of accident are too likely to occur. It has been the main idea in mind when all the rules and regulations are made for these tournaments that the trainee is to be kept out of harm's grasp. The only solution to the problem is that the individual teams make a special effort to protect their men in kicking or passing when close to the end-zone.

Those who witnessed the 5 A vs. 2 AA last Friday evening, were treated to a special surprise when a few moments before the game started the door to the field house burst open and out poured the 5 A team attired in scarlet outer-clothing. Although the unique wearing apparel failed to make them victors in the contest, it did show what could be done to alleviate another situation. I speak of the present gripe about not being able to spot your receiver from the other team's defense men when throwing a pass. If all the houses do the same as Quarters # 5, except for each house having a different color, the two teams would be sharply defined. All that was done by Quarters # 5 to obtain these "uniforms" was for each member of the team to contribute a scivi-shirt and have it dyed with his team-mates scivi-shirts.

In a talk with Ensign Glancy I was told that the winner of the tournament on the Armour Campus would meet the champions of the George William Campus. This contest would be similar to the all-star baseball team of last season.

This summer's baseball team in closing their season with only one loss, climaxed a previously successful spring schedule. Although the summer season started with the understanding that no awards were to be given as sweaters and letters had been already given following the spring season, the present efforts of the team promoted the ITSA to award to each member of the team a silver baseball.

News Bureau Head Chosen

Frank E. Wheeler has been appointed as the new director of the IIT News Bureau, President Henry T. Heald states. He replaces Paul O. Ridings, who recently left the Institute. He will assume his duties next Monday.

Wheeler, who at present is the assistant telegraph editor of the Kansas City Star, is a journalism graduate of Marquette University. He has also received a degree at the Wisconsin State Teachers College. He did graduate work in journalism at both the University of Missouri and the University of Wisconsin.

Wheeler was on the staff of the Milwaukee Journal from 1932 to 1934; for the next two years he was night editor of the Dubuque Telegraph Herald.

He served as the principal of a high school in Arena, Wisconsin in 1936-37. After leaving this post he became city editor of the Commonwealth Reporter of Fond du Lac, Wisconsin. Two years later, in 1940, Wheeler accepted the post of director of public relations and publicity at the Kemper military school in Missouri. This year he became managing editor of the Boonville Daily News, and four months ago he started on the Kansas City Star.

Wheeler served as a second lieutenant in the army for four months in 1942, serving in Ireland as well as in the U.S. He received a medical discharge for a knee injury.

He is 31 years old and is a member of Sigma Delta Chi, journalism professional fraternity. He is married and has one child.

Vernon Orton, who was previously appointed to the vacancy, resigned before coming to IIT.

Spencer Will Speak To Mechanics Forum

The Mechanics Colloquium will have its first meeting of the 1944-45 season on October 4, according to Charles O. Harris of the mechanics department. This forum has been active for over two years, and many professors and other men of science visit these meetings to discuss prevalent problems.

The main talk of the evening will be given by Dr. R. G. Spencer, chief of the metals division of the Armour Research Foundation. The subject of the talk will be "Hardness and Hardness Testing." Dr. Spencer is well qualified to speak on this topic by virtue of his experience in metallurgy and extensive contacts with industry.

Dr. Spencer will include in his talk some discussion of the history of hardness testing, nature of hardness, machines for measuring hardness, and uses of hardness numbers. Following his talk the meeting will be open for discussions.

A dinner meeting will precede the program of the evening. The group will meet in the Armour Faculty Club before the dinner.

The Mechanics Colloquium is an informal organization of people who are interested in engineering mechanics, and its applications. The meetings are held once a month from October through May and are open to any who wish to attend. There are no dues or initiation fees. One of the best features of the Colloquium is the discussions following the main speaker of the evening.

Cutting the Cake



PARTY FOR BURSAR—A farewell party was recently given for Louis Korber, (cutting the cake) who left IIT, September 15, to accept another position.

Navy Bus Driver Is Former Boxer and Army Instructor With Overseas Duty

John E. Bodner, who has been driving the navy boys around in the bus, is a veteran of eight years service and over thirty scheduled bouts as a professional boxer on the West Coast.

In 1908 Bodner, now 56, entered the army, and later served as sergeant in the coast artillery. In 1911 he re-enlisted and was sent to Fort McDonnell where he served in the tent recruiting corps. Two years in Alaska was his next line of service, and after this he was discharged, his enlistment period being up.

From 1909 to 1911, Bodner acted as a professional boxer on the west coast. He fought in the light-heavy-weight division, and was in over 30 pro bouts.

After leaving the army in 1914, Bodner worked as brakeman and conductor for the Pennsylvania Railroad in Pittsburgh, until he re-enlisted in 1918. At this time he served with the 10th Infantry Division instructing in bayoneting and boxing. The group with which Bodner traveled from camp to camp included Canadian, French, British and American soldiers whose duty was to instruct in physical training. He later was sent to Portsmouth, England, from where he was discharged in 1919.

After coming back to the U.S., Bodner worked for the Pennsylvania Railroad for seven years, Ford in Detroit for eight years, and later as house detective in two prominent Chicago hotels.

Bodner has been here at IIT now for about two months.

ARF Staff Adds 2 Research Chemists

Two new men have been added to the staff of the Armour Research Foundation. They are Dr. Walter C. McCrone and Dr. Einas P. Flint.

Dr. McCrone has joined the staff of the Armour Research Foundation to head its new chemical microscopy laboratory. This new laboratory is getting a great deal of equipment. The total expenditure on the laboratory will entail many thousands of dollars. At this time they have spent about \$2,000 for freezing equipment and supplementary microscope attachments.

Dr. McCrone was formerly a research fellow at Cornell University. He was also associated with the National Defense Research Committee.

The other new man to join the ARF staff is Dr. Flint. He is an inorganic research chemist.

Flint formerly was associated with the United States Bureau of Standards as a chemist in ceramics.

Pi Kappa Phi Has Social; Initiation Plans Decided

Pi Kappa Phi dined and danced Saturday evening at the Graemere Hotel. One of the features, according to A/S Douglas Snyder, archon, was a skit given by the pledges.

The fraternity plans to conduct its "hell week" early next month.

Underwriters' Laboratories Examine 375,000 Products for Fire Hazards

A total of 375,000 products have been approved to date by Underwriters' Laboratories, an Illinois Tech affiliate. The organization permits the fire protection students to conduct their experiments in its laboratories.

TAU BETA PI

(Continued from Page 1)

transfer student from the University of Idaho where he was elected to Phi Eta Sigma, scholastic honorary for freshmen, and received an award from Sigma Tau for having the highest average of the freshmen engineering students.

Take Taniguchi, senior mechanical engineer, is treasurer of Pi Tau Sigma, honorary mechanical engineering fraternity. He is a transfer student from the University of California where he was a member of the ASME and the International House. He was also on the freshman football squad.

Herman Nelson, junior chemical engineering student, is co-editor of Technology News, having been successively reporter, assignment editor, business manager and finally co-editor. He is vice president of Pi Delta Epsilon, a member of the AICHE and Phi Lambda Upsilon, honorary chemistry and chemical engineering society. He is copy editor of the Integral and has been an Honor Marshal. He has received a 4 year Cook scholarship. He was valedictorian of his high school class.

Robert Thurston, junior mechanical engineering student, is corresponding secretary of Pi Tau Sigma, honorary mechanical engineering society, a member of the ASME, the band and the glee club. He is also a member of the track team. He is a transfer student from Ohio Wesleyan where he received a freshman chemistry prize. He was valedictorian of his high school class.

Professor John I. Yellott, director of the Institute of Gas Technology, gave an address on jet propulsion. This included slides on the development of jet propulsion. Yellott stated that he expects planes to be equipped with propellers which can be used for high speeds and the other for low speeds. The talk lasted about half an hour.

Following his address the Tau Beta Pi pledges were announced. Tau Beta Pi was founded in 1885, and it is the oldest general honorary engineering fraternity. Only engineering students are eligible to be elected to the fraternity and they must be upperclassmen. Of the eight pledged, two were juniors: Herman Nelson, chemical, and Robert Thurston, mechanical.

Underwriters' Laboratories Inc. was founded in 1894 and chartered as a non profit organization. This enterprise is sponsored by the National Board of Fire Underwriters to test any material that might be a fire hazard.

Its first staff consisted of one engineer, an assistant and a clerk, and its laboratory equipment was a bench, a table, a few chairs and \$350 worth of electrical equipment. This first laboratory was located in a small room on top of the Fire Patrol Station No. 1 on Monroe Street. The engineer's job was to ride behind the horses and to determine what piece of electrical equipment if any had caused the fire and why.

The first actual building the laboratories owned was an old school on 67 East 21st Street. In 1904 they acquired the site on Ohio St., leasing it for 99 years and later purchasing it. The principal office and testing station at 297 East Ohio Street occupies buildings of fire-resistant construction with a frontage of 266 ft. and from three to five stories in height. The floor area is about 110,000 square feet. The laboratories contain equipment for electrical, chemical, and gases and oils departments.

AS I SEE IT

(Continued from Page 1)

aged and disband them.

Needless to say, there are great advantages to having tutoring classes. The students will have an opportunity for more individual attention, and the person teaching will have a better understanding of the student's problems than would the professors in the crowded classrooms.

The classes are arranged conveniently so that all sophomores and freshmen can voluntarily attend. Upon them depends the success of this ambitious program.

CONSTITUTION

(Continued from Page 1)

of the beginning of the new semester. One week previous to the primary election, each nominee shall be introduced to his class at a formal class meeting conducted by the ITSA student members. During such a meeting short speeches are expected from each of the nominees.

"Similarly, officer candidates for the ITSA Board of Control, who are elected by the entire student body, shall be introduced at these class meetings."

Electronics Meeting To Last Three Days

The National Electronics Conference, of which IIT is a sponsor, will meet Oct. 5, 6, 7, at the Medinah Club, according to Dr. Jesse Hobson, chairman of the executive committee.

The conference is the outgrowth of the need for personal interchange of ideas in the rapidly expanding field of electronics. Technical sessions will include lectures on television, measurements and controls, heating, radio, and telephone.

Judging from early registrations, attendance is estimated at 1500. The navy senior electricals at IIT have been given permission to attend the entire three days. Registration is \$10 if paid in advance.

Dr. C. S. Roys and Dr. T. J. Higgins are among the lecturers. Prof. P. G. Andres is chairman of the arrangements committee and President Henry T. Heald will preside at the banquet Thursday night.

HONOR BOARD

(Continued from Page 1)

them a failure in the quiz in question. By dealing honestly with the board, it is much better for the violator.

It is only by reprimanding the men who have ignored or shown disrespect for the honor system by their violations that it can be impressed on them that IIT is sincere about its Honor System.

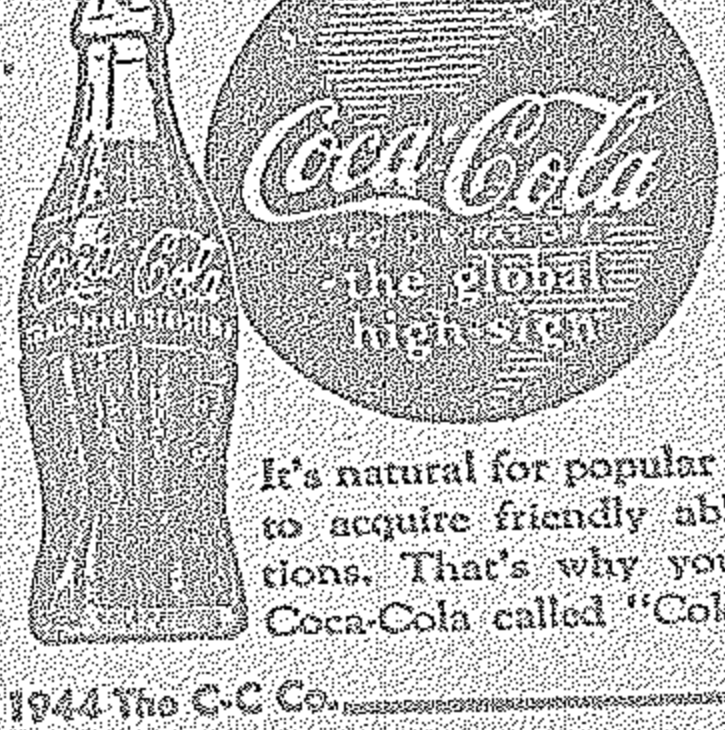
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TECH TIME TABLE
All items appearing in Tech Time Table will be those which are scheduled with Dean Tibbals. No other items will be used.

MONDAY, September 25
Pi Kappa Phi 5:00 p.m. 405M
Tau Beta Pi 5:00 p.m. 105C
WEDNESDAY, September 27
ASME 11:00 a.m. 305M
AIEE 11:00 a.m. 202C
ASSC 5:00 p.m. East Dining Room
FRIDAY, September 29
Radio Club 7:15 p.m. WBKB
Television Station

IIT Sanitary Engineers Investigate and Conduct Surveys Concerning Sewerage

Investigation and conduct of field surveys preliminary to the design of sewerage and storm water systems, is one of the prevalent topics being taken into consideration by the prospective sanitary engineers studying in Illinois Tech's sanitary laboratories. The determination of the quantity of house flow, quantity of storm water, of shape and dimensions of conducts with the effect of depth and grade are also being considered. Modern methods of sewerage disposal and treatment are being studied in detail.

The sewage treatment laboratory includes a 1500 gallon aeration tank equipped with a Roots-Connorsville blower and several types of aeration equipment. Small scale experimental units for pilot plant studies of industrial waste treatment processes are also available. The sewage analysis laboratory is equipped for making analyses for plant control and research studies.

The soil mechanics laboratory is equipped to perform the tests used to determine the physical properties of soil that have a direct bearing on problems in earthwork and foundation engineering. The equipment includes all apparatus necessary for Atterberg limits, consolidation, permeability, shearing and compression tests.

The water filtration laboratory contains an experimental water treatment and filtration plant that provides the student in water supply with an actual operating plant having a capacity of 25 gallons per minute. It consists of two 2,000 gallons row water control tanks and a 2000 gallon filtered water reservoir, specially designed aerator and mixer, orifice boxes, chemical feeders, sedimentation reservoir of 9000 gallons capacity, filters, rate of flow controller, and a wash water pumping system for cleaving the filter.

These sanitary laboratories are located in the southern part of Chapin Hall. The aeration equipment is located in the basement and the water treatment apparatus is kept on the second floor. The main sanitary laboratory is located on the 3rd floor of Chapin Hall.

Bohle Will Speak at Next ASME Meeting

Fred Bohle, chief engineer of the Illinois Tool Works, will be the speaker at the ASME student meeting to be held at 11 a.m., Wednesday in Room 305 Main. Bohle's subject will be "Modern Methods of Gear Design."

Bohle is highly experienced in the field of gear design and in modern methods of gear manufacture.

Gears of special design are now being used in marine construction, in airplane engines, and in many new war weapons. The talk will be about some new developments in the design of gears for these purposes. The lecture will be illustrated with slides. It should be extremely interesting to all mechanical engineers according to Dr. R. A. Budenholzer of the ME department.

Degrees to Be Given to Allis Chalmers Employees

A graduate training program is being started by IIT in which graduate engineers at Allis Chalmers Mfg. Co., of Milwaukee, Wis., will be given an opportunity to receive an advanced degree.

The classes will be held in the plant, and the registration fees will be paid in part by Allis Chalmers, the amount depending on the grades of the men.

Dr. Robert Kintner and Dr. J. E. Hobson spent Wednesday in Milwaukee where they interviewed and registered 73 students.

According to Hobson the men will receive two semester hours credit for a course which will meet for two hours once a week. At this rate the requirements of 32 hours course work and a thesis for an MS degree in EE or ME can be finished in three years.

Pinups Allowed Later Deadline

The closing date of the pinup contest has been changed to October 4. This means that many of the civilians who have expressed a desire to enter pictures, but have not been able to obtain them on such short notice, will be able to submit their favorites.

The reason for this change is the frequent request of civilians for a longer period of time to procure their picture. They claim that they have been promised pictures, but were not able to get theirs in the very limited period previously allotted.

Technology News agreed to this concession to the civilians on the grounds that they have turned in nearly twice as many entries as the navy, hence deserving consideration.

Two finalists will be selected, one navy entry and one civilian entry, and the winner will be selected from these. Pictures should be submitted to the News Bureau, fourth floor Chapin, or in the Technology News Box in the S U lobby.

The winner will be awarded a bid to the ASSC dance to take place on October 14. All pictures will be safely returned to the person submitting them.

Monthly War Bond Sales Total \$9,300 for V-12

A total of \$9,300 are being invested each month by the officers, trainees, and ship's company of the Illinois Tech V-12 unit, according to Lt. M. P. Andersen, executive officer. Over 600 of the officers and men are participating in this feat while only 88 are not buying bonds.

"It is our hope that those not buying bonds will subscribe to at least one a quarter," said Andersen. The unit has been one of the highest purchasers of bonds among the V-12 units in the ninth naval district. Many of the men all of whom receive \$50 a month are putting one-half of their pay in bonds.

Armour Research Foundation Assists in Formation of Similar Kansas City Group

The Midwest Research Institute was recently started in Kansas City to carry on research similar to and under the guidance of the Armour Research Foundation. Dr. Harold Vagtborg, director of the ARF will act as consultant.

Juniors Will Roast Wieners October 7

The date for the junior "weenie" roast has now been set for October 7. Tom Ruck, class president, announced that the date was advanced to meet ASSC approval.

All juniors intending to go to this social must inform a class officer before Friday.

An accurate estimate of the food required must be had by that time, since the class treasury is fitting the bill. The "eats" will consist of wieners, buns, relishes, and cider with other items considered.

All couples attending the affair will meet at Thatcher's Woods, site of the affair.

Specific instructions on the best transportation have been given by Larry Johnson, social chairman, as follows:

Take the Lake Street "L" west and get off at the Marion Street Station. Then walk north about a block to Lake Street and there take a streetcar going west. Ride the streetcar to First Avenue in Maywood. Get off at this stop and walk north a few blocks direct to Thatcher's Woods.

At the present time Dr. Wilmer T. Rinehart of the ARF staff is on leave of absence in Kansas City helping to organize this institution following the pattern of the ARF. The unique feature of the MRI will be that it will not be affiliated with any educational institution. It will be supported by industrialists of the middle west.

In time the MRI will break its ties with the ARF and become a completely independent and parallel organization. They have begun work on their first project under the sponsorship of the Military Chemical Works Inc. This project directly concerns post-war reconversion in that they are finding a peacetime use for a war time product. Ammonium nitrate now used for explosives will be used as a fertilizer. The MRI will soon start research on new materials for ceramics and refractories and on industrial application of electronics.

The financial goal of the MRI is one half million dollars and up to date they have met success to the extent of \$300,000.

The Armour Research Foundation began a number of years ago with even less capital.

NAVAL NOTATIONS

Quarters #2

A goodly number of men in the quarters spent the past week end with friends and relatives taking advantage of the newly allowed liberty extension. Among them were Jim Crum, Mel Alexander, Fred Ardern, Joe Centa, Stan Cervenka, Jon Greenberg, Don Johnson, Fred Leydig, Tom Moran, Frank Muchy, Virgil Newbrander, Glenn Rodman, Chet Zdanowicz, Bob Svenson, and John Schick.

Bob Lichtmann was the star in last week's touchball games. He not only intercepted one pass which he proceeded to run for a touchdown but threw passes to Al Waite and Dick Papps for the other two touchdowns. Team 2AA was also the victor Friday night when they defeated another Quarters #5 team 6 to 2. The only touchdown occurred when Dick Meissner intercepted a pass and with good blocking and excellent field running went nearly the whole length of the field to score.

Joe Centa is the selection as the lover of the week. Not only does he operate on Saturday, Sunday, and Wednesday, but is keeping up the traditional naval spirit while attending Lewis on Tuesdays and Thursdays. Anyone desiring further information can see Joe anytime at Quarters #2.

Quarters #3

An attempt was made on the life of Seaman George Leist by a balloon filled with water which was hung from the ceiling while he was sleeping.

3B won their second game of the season by defeating 1B, 6 to 0 while 3A lost to 4A by 7 to 6.

Chief Radio operator Bill Clark

stopped at the quarters, on his way home, to visit his old schoolmates Ted Zaggy and George Martinko.

Quarters #4

Jack Marsh sported some scorching fingers the first of the week. It seems he was trying to close the ignition in Arnold Kleinrath's car and drive it around the corner just out of sight. But rather than his closing the ignition, the ignition closed on his fingers with disastrous results.

Raymond Mead received a new guitar from his family as a birthday gift. Speaking of birthdays, John Hoffman and James Sutherin now lack only a year from the legal age, celebrating their twentieth last week. They are reported to be anxiously awaiting the day when they can taste this stuff called liquor!

Allan Kukral and Richard Peterson spent the weekend at the University of Illinois where Peterson had arranged dates for them through an old acquaintance at a girls' cop house. Kukral's date turned up with a flaming top to match his own red hair.

Jock Capron is still bragging of the three home runs he made in the Pi Kappa Phi-Delta Tau Delta ball game.

Quarters #5

Jack Mattson came forth with the blazing idea of the red scivy shirts for the football team. Albert Damiani, Fredrick McCarthy, Alexander Paterson, and William Stewart used the new, all-purpose Rit to get the desired shade. The white "Quarters 5" is stenciled on with white ink.

Salty has been given another bath to make him more presentable as football mascot. His influence on the fortunes of the team is "as good as can be expected".

Mrs. J. J. Abbott sent the house

a whole ten pound box of candy.

The men have been planning a party to be given sometime before the graduating seniors leave.

Quarters #6

The American League race receives its share of attention from the men of #6. Recreation hours will find the baseball fans gathered around the radio listening to the daily game. Tiger fans of Detroit are very elated over their team's recent success and they don't spare any opportunities of letting the rest know it.

The decorators have been busy in club 6 the past week. The sleeping compartments of the third deck were redecorated as well as several compartments on the second deck.

Quarters #7

"Trip the light fantastic in the Goldberg manner" is the slogan of Ivan "Goobar" Goldberg, who claims to have been a professional dancer before joining the navy. He is reported to be offering his talents for sale as an instructor. Needless to say all Quarters #7 men are flocking to take advantage of this extraordinary offer.

Quarters #7 men are patiently awaiting the day when the maintenance department will repair the window which was destroyed by a hefty sailor three weeks ago. In the meantime the neighborhood flies and insects (all ten million of them) are happily using the opening as an entrance.

Sympathy is in order for valiant Donnie Lange who on the first play of a recent touchball game injured his knee so severely that he is now hobbling around like a civil war veteran.



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