TECHNOLOGY NEWS

Vol. 44, No. 3 — ILLINOIS INSTITUTE OF TECHNOLOGY — Tuesday, October 8, 1946

Election Finals to Be Run Today

as I see IT

by BILL BURKHART, Editor

THE RAPID sellout of the Integral Ball bids apparently was quite a surprise to everybody concerned. The dance committee had planned a sale of 250 bids to be sold out by the week preceding the dance. As it turned out, all the bids were taken up within two hours of being placed on sale in the Student Union. The outlook at this time is that there may be very few bids available some time this week. The fraternities on the campus were quick to back the Integral Ball, and promptly made their reservations for their membership. By today or tomorrow, at the latest, the fraternities will have returned any bids which they have been unable to use, but there is one hitch: These bids aren't expected to number over ten.

THE ITSA and class elections had a good turnout—at least on the part of the candidates. The politicos were really riding a close cover on getting in all the available votes. They did everything to catch the eye except fire a battery of rockets, and those weren't in stock.

APPARENTLY EVEN rockets couldn't get a large proportion of the student body to vote. Although the political campaigns did have a great effect on influencing the votes which were cast, only 10% of the potential voters in the lower classes could be brought out to vote. The situation in the junior and senior classes were a little better. Even after the deciding late vote of the juciers, runoffs will be necessary.

FOR YEARS efforts have been made to get IIT men to show a semblance of interest in the affairs of their classes. They have continued to regard Illinois Tech as an "education factory" wherein one puts in his time, punches the clock, and runs for home as fast as possible. Nobody has solved the problem of getting active student activities in the past and it looks like no solution will be forthcoming until the new building program is completed, if then.

Integral Dance Bids Sold Out

Queen Candidates' Photos Still Accepted

An enthusiastic student body swamped the Integral Ball ticket booth last Friday, effecting a complete sellout of available bids in two hours. The 250 bids which went on sale about 12 p.m. were in the possession of ball-goers by 2 p.m., said James Hartnett, social chairman of the senior class, "If we had anticipated such a large response by the student body, we would have obtained the facilities of a larger ballroom." He added that a few additional bids may be placed on sale today.

The task of providing a queen to reign over the ball is still being supervised by the Queen Committee. Pictures of candidates, preferably 5" x 7", will be accepted until Monday, October 14. The top five beauties will be selected by popular vote of the student body Wednesday, October 16. A well known celebrity, whose name has not been disclosed yet, will select the queen from this group. The remaining four will act as her court. "Since only a few pictures have been entered, the chances of being elected are rather high," said Ed Arends of the social committee.

Pictures are accepted in the ITSA office, which is located in the auditorium to the right of the stage. The photographs will be displayed in the Student Union building.

The scene of the ball, which starts at 9 p.m., October 18 is the Knickerbocker Hotel. The salient feature of the Knickerbocker's ballroom is its Rainbow Floor. The name is derived from the effect created by colored spotlights beamed on the transparent glass floor. Since the affair is semi-formal, girls will wear formals while their escorts will be attired in business suits.

Lou Brownie's orchestra, appearing now at the Chez Paree and the New Horizon Room at the Continental Hotel, will supply music.

Questions concerning table reservations can be answered by contacting Jim Brophy, Fred Travis, or James Hartnett.

ITSA

VICE PRESIDENT
- Robert Cunningham ..... Runoff 265
- I. C. Hamilton ..... Runoff 301
- C. L. Weeks 240

SECRETARY
- JACQUELINE EDWARDS 490
- Alan Morow 374

SENIOR CLASS

PRESIDENT
- John Basich ..... Runoff 46
- Wit Kosicki ..... Runoff 60
- Jim Oldshue 40

VICE PRESIDENT
- Martin Gabriel ..... Runoff 38
- William Goldman 15
- Kurt Kuhnle ..... Runoff 58
- Bill Pordelli 30

SECRETARY
- Bill Andrews 35
- JOE MELEK 70
- Hans Nord 8
- Nick Spelson 23

TREASURER
- Harold Esser 38
- Walt Garbalinski ..... Runoff 49
- Ted Pryst6 ..... Runoff 52

SOCIAL CHAIRMAN
- Robert Burkhardt 66
- ED LINDAHL 77

SUBC REPRESENTATIVE
- Eric Eckberg 63
- HOMER WICKHAM 84

HONOR BOARD
- ED ARENDS 138
- Bob Fawcett 71
- CHARLES HATSTAT 124
- WIT KOSICKI 126

JUNIOR CLASS

PRESIDENT
- Don Billman 51
- Bill Ponton ..... Runoff 59
- Harry Twickler ..... Runoff 68

SECRETARY
- William Kedrow 16
- Pat Kennedy ..... Runoff 52
- Allan E. Morris ..... Runoff 58
- Dorothy Turck 46

TREASURER
- Robert Kelliher ..... Runoff 49
- Richard Lund ..... Runoff 84
- George Schultz 46

SOCIAL CHAIRMAN
- Angelo Garetto ..... Runoff 48
- William Gauthier 44
- Robert Mielke ..... Runoff 80

SUBC REPRESENTATIVE
- DANNY O'CONNELL 88
- John Somers 85

HONOR BOARD
- HOWARD BAUM 109
- RALPH BELKE 118
- BILL BURKHART 144
- Clarence Weeks 97

SOPHOMORE CLASS

PRESIDENT
- Don Ennis ..... Runoff 31
- George House ..... Runoff 38
- Lou Feckner 18

TREASURER
- KEN THOMPSON 57
- Bob McClain 25

SECRETARY
- SHIRLEY LANGILL 59
- Charles Frisbie 25

SOCIAL CHAIRMAN
- ED ZIETZ ..... Uncontested

SUBC REPRESENTATIVE
- JEROME DELSON ..... Uncontested

HONOR BOARD
- LOU FECKNER ..... Uncontested
- DON FREEMAN ..... Uncontested

FRESHMAN CLASS

PRESIDENT
- Marks A. Levy 23
- GEORGE STACKHOUSE 79
- Jim Toepfer 31
- Robert Wolfe 7

TREASURER
- ERWIN GROMBACHER ..... Uncontested

SECRETARY
- Bertrand Colbert 32
- JACK DAVOUST 104

SOCIAL CHAIRMAN
- Sidney Lewis 40
- CHARLES MATTES 100

SUBC REPRESENTATIVE
- ED ADAMS 90
- Nelson King 46

Names in capitals indicate winners

Runoffs to Be Held for Eight Class Offices

Race for ITSA Vice-Pres. Also to Be Settled at Today's Final Voting

After an election highlighted by the most highly spirited campaigns in many years on the campus, the ITSA today announced that runoffs will be held for three major offices in the senior class, four in the junior class, and one in the sophomore class.

Runoffs will also be held for the vice-presidency of the ITSA. Robert Cunningham and I. C. Hamilton will compete for the office. Jacqueline Edwards was elected secretary of the ITSA.

In the honor board elections, Ed Arends, Wit Kosicki, Charles Hatstat, Howie Baum, Bill Burkhart, Ralph Belke, Lou Felkner, and Don Freeman, elected.

Runoffs will be held today for all classes. In the senior class, Wit Kosicki and John Basich will compete for the presidency; Kurt Kuhnle and Martin Gabriel will contest for the vice-presidency; Walter Garbalinski and Ted Pryst will decide the race for treasurer. Joe Melek was elected secretary and Ed Lindahl, social chairman. Homer Wickham became the seniors' SURC representative.

Only one officer was elected in the junior class: Danny O'Connell won the SUBC race by a close margin. Runoffs will be held between Harry Twicker and Bill Ponton for president, Pat Kennedy and Allan E. Morris for secretary, Dick Lund and Robert Kelliher for treasurer, and Angelo Garetto and Robert Mielke for social chairman.

The runoff in the sophomore class will be held between George House and Don Ennis for the office of president. Elected to office were Shirley Langill, secretary, Ken Thompson, treasurer, Ed Zietz, social chairman, and Jerome Delson, SUBC representative.

In the freshman class, George Stackhouse won the presidency race. Erwin Grombacher was uncontested as treasurer, Jack Davoust was elected secretary, Charles Mattes was elected social chairman, and the freshman SUBC representative is Ed Adams.

Hydraulic Machinery Ideas To Be Topic of Conference

A two-day National Conference on Hydaulic Machinery, designed to foster an interchange of ideas, methods of approach, and techniques in the field of hydraulics, will be held in Chicago on October 22 and 23, with headquarters in the Hotel Continental.

Sponsored by the Armour Research Foundation and the Graduate School, with the co-operation of the Western Society of Engineers and local sections of the American Society of Civil Engineers, the American Society of Mechanical Engineers, and the Society of Automotive Engineers, the 1946 conference is the second annual meeting. Dr. V. L. Streeter, chairman of the uuid mechanics and thermodynamics research at the Research Foundation is the conference chairman.

Four technical sessions have been scheduled, at which papers covering fundamental aspects and recent developments in the field will be presented. In addition a luncheon meeting has been scheduled each day, with a dinner meeting on Tuesday evening, featuring a discussion of turbulence by Hunter Rouse.

The first of the technical sessions, dealing with fundamentals of fluid flow, at 10 a.m. will be followed by luncheon and addresses of welcome by Dr. W. A. Lewis, dean of the Institute's Graduate School, and Dr. J. E. Hobson, director of the Research Foundation.

A 2 p.m. session on the industrial applications of hydraulics, a brief social hour, and the evening dinner to which ladies are invited will complete the day's activities. Wednesday's sessions will deal with fluid transmissions and high pressure techniques and applications.

Vacancies on Staff of "Illinois Tech Engineer"

Vacancies on the editorial and business staffs of the Illinois Tech Engineer, exist at the present time. According to Miss Thelma Coleman, business manager of the Engineer, these posts are to be filled by students who are interested in this form of extra-curricular activity.

Miss Coleman has asked that all students interested contact her at the Engineer office, 41 W. 33rd St. The Engineer is a quarterly magazine published for students, alumni, faculty, and others interested in Illinois Tech.

Veterans Required To Report Changes

All veterans under Public Law 16 who have not reported to Mr. Corrado De Sylvester, of the Veterans Administration, should do so immediately. Their authorization for payment will not be valid without his signature. However, the veterans training report form may be turned in during the first week in November.

It has recently been brought to the attention of Mr. De Sylvester that several veterans have changed their major without the approval of the Veterans Administration. He emphasized that all veterans, whether under Public Law 16 or 346, should obtain the permission of the VA before changing their major.

The steps necessary to procure endorsement of the change are:

1. A letter from IIT indicating the faculty approval.
2. The veteran concerned should attach a written explanation of the change and why he believes this new move will be beneficial. All marks received at IIT should be included.

SchommerAddresses Graduating Seniors

With a large group of 4A seniors in attendance, John Schommer thundered home the essentials of filling out placement record forms and making interviews at a senior class meeting held last Friday. The importance of properly selling oneself to his prospective employer cannot be underestimated, he stated. Research by Columbia University, Carnegie Institute and other personnel investigations have yielded information that 75% of an interviewee's success depends on his personality and the remainder on his

(SENIOR CLASS on page 5)

Rush Week Dance

INTERMISSION—Part of the crowd attending the fraternities' Rush Week Dances. This group was photographed during an intermission in the Delta Tau Delta house. The dances were the final featurs of Rush Week.

The National Electronics Conference Is Held at Edgewater Beach Hotel

Approximately 3000 engineers and scientists from the United States attended the second annual National Electronics Conference which was held at the Edgewater Beach Hotel, October 3, 4, and 5. The conference was sponsored jointly by Illinois Tech, Northwestern University and local sections of the A.I.E.E. and I.R.E. in cooperation with the Chicago Technical Societies Council.

Senior and junior EE students were excused from classes to attend the conference; many of the students served as assistants and ushers during the three day session.

Dr. J. E. Hobson, director of the Armour Research Foundation, presided over the opening meeting of the conference at which Dr. Henry T. Heald greeted the delegates. Dr. E. U. Condon, director of the National Bureau of Standards, keynoted the conference with an address titled "Electronics and the Future," in which he discussed the possible future industrial applications of the vast strides made in electronic fields during the war.

The technical sessions began Thursday afternoon with talks given on the war-born infra-red sniperscope which enabled riflemen to sight objects on pitch-black nights, and aircraft marker systems which are far more precise than those now in use. Dr. Nier discussed the use of the mass spectrometer in analyzing gases and locating leaks in the Uranium 235 gaseous diffusion plant in Oak Ridge, Tennessee.

Friday morning, 18 speakers appeared before the conference and presented papers on such subjects as airborne radio and television equipment, New York's color tele-

(See ELECTRONICS on page 5)

TECHNOLOGY NEWS

Member, Associated Collegiate Press

Official student publication of Illinois Institute of Technology, 3300 Federal Street, Chicago, Illinois. Published weekly during the college year. Represented for national advertising by National Advertising Service, Inc., college publishers representatives, 420 Madison Ave., New York, N. Y., Chicago, Boston, Los Angeles, San Francisco. Entered as second class matter October 10, 1940, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Subscription rate $1.00 per term.

MANAGING BOARD

Editor-in-Chief....BILL BURKHART
Business Manager....PAUL A. THOMPSON
Managing Editor....HOWIE BAUM
Sports Editor....ED ARENDS
News Editor....WIT KOSICKI
Feature Editor....MARTY GABRIEL

STAFF

Assistant Sports Editor....Joe Ringhofer
Copy and Rewrite Editors—Henry Kudenholdt, Samuel Rand, Lester Templeton
Feature Writers—William Furlong, Rocky Sprague, Jack Scaggs, Sherwood Benson
Photographers....Ralph Belke, Chuck Hatstat
Cartonists....Ronald Born, Ken Holst

TYPISTS

Toni Basic, Helen Delich, Mary Jane de Giacomo, Beth Kelley and Carol Patzer.

REPORTERS

John Anderson, Robert Campbell, Joe Coffer, Jerome Friedman, Henry Hawry, Irving Kuperman, Sid Lewis, Lawrence Margol, Joe Ringhofer.

Editors Emeritus—Milton Burkart, Harry Burkart, Ramon Olson, Henry Freund, Alan Grant, Jim Brophy.
Faculty Adviser....Frank Wheeler

"Pardon the Elbow!"

In keeping with the times, Illinois Tech has developed a shortage of space that would make even the proverbial "bug in a rug" feel a bit cramped.

At no other time in the history of the school has there been such an incentive to get to class on time—it's the person there "firstest with the mostest" that gets a seat in class this term. And for the late-comer? A seat on the window sill!

Under such conditions as these a new twist to the old problem of "courtesy" has developed. The ogre first showed its head last term when the influx of women students caused the "rough and rugged" Armour engineers to dust off their old copies of "Emily Post." At that time it was a problem of manners and respects due the fairer sex, and it was mastered with comparative ease by the masculine Techawks.

Now, however, the problem seems to boil down to one of understanding and forgiveness. After all, the fellow that pokes you in the eye with a T-square didn't mean to do it, it was just that eight other guys in back of him were in a hurry to get up the stairs! And what if you do have to buck a line for half an hour in the bookstore—aren't books worth more the older they get? Yes, one has to be mighty philosophical to forgive Darwin and his "survival of the fittest" stuff.

But it is with an attitude of understanding that we must view the problem. Inwardly, almost every student considers himself fortunate to be able to attend such a school as Illinois Tech when facilities for higher education are at a premium like they are today. It is with this in mind that the student accepts, with only a slight mumble, the extremely crowded conditions. However, it will be only thru the courteous cooperation of us all that this mumble will be kept to a minimum.

"What is the administration doing about this situation," you may ask. The answer—just about all that is possible. With present building restrictions, hope for any new classroom facilities have been squelched. The school, realizing the gravity of the situation, has applied for 90,000 square feet of surplus building area to be used as temporary structures for classrooms. The government has made no promises as to how many of these valuable square feet it will come through with or whether it will make delivery "in about 60 days." We can only wait, squirm, and see.

The outlook then is for continuation of these "cozy" conditions throughout the winter. So when you get that urge to go barreling through a crowded corridor, and knock a couple of people down in the process, remember you may be at the bottom of the heap the next time.

Cheer up, winter is coming, a drop in temperature causes contraction and when this happens to 3,000 bodies there's bound to be more room!

STILL OUR FAVORITE BIRD!

Courtesy Appreciate America, Inc.

Man Of The Week

Chuck Hatstat's Combination—Engineering and Journalism

Wit Kosicki

Massachusetts born, Navy bred, Charles Hatstat, EE major, has admirably prepared himself for his chosen field—technical publications.

While maintaining a 2.1 average he managed to gain journalistic experience by being reporter and sport seditor for *Technology News*. He furthered this by sharing the editorship of the *Integral* for two publications and co-editing the Technette.

Realizing the importance of photography as a supplement to written material, Chuck developed his hobby of photography by serving as staff cameraman on Tech News and the Integral. In addition he is head of Armour Eye.

He first saw the IIT campus as a navy V-12 freshman. At the time Chuck had just returned from three years Atlantic and Pacific duty aboard the U.S.S. Washington. After seeing action at Guadalcanal and Tarawa, it was a while before he could convert from a sailor to a student. The brunt of the adjustment was borne by the V-12 officers, as they will testify.

Exceptionally active in campus organizations, he is now a member of Tau Beta Pi, president of Eta Kappa Nu, serves on the Honor Board, and at present is pledging Delta Tau Delta fraternity.

His laurels include sports, having been a member of the boxing team and active in intramural sports. He is past vice-president and secretary of the ITSA. He is one of the students selected to represent IIT in the forthcoming issue "Who's Who Amongst Students of American Colleges and Universities."

Bolstering him and providing an endless source of support has been a little lady that seems to come up in all his plans for the future. Serving also as a capable model, Rosemary has improved Chuck's photographic technique.

To complete his preparation for future work on technical publications, Chuck plans to work for a master's degree in journalism at Northwestern's Medill School of Journalism.

SLIP STICK

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

This column is properly dedicated to Phillip; to Phillip Space, that is.

A blackmailer wrote the following to a wealthy business man:

"Send me $5000 or I will kidnap your wife."

The business man replied: "Sorry, I am short of funds, but your proposition interests me."

—IIT—

"I hear that your son is following in your footsteps. That's great."

"The heck it is! There aren't enough chorus girls to go around as it is."

—IIT—

"I don't know who I am. I was left on a doorstep."

"Maybe you're a milk bottle."

—IIT—

Co-ed, writing home: "And Mother, I weigh exactly 109 pounds stripped for gym."

Father: "And just who is Jim!"

—IIT—

You sit and sing a little song
You have a little chat,
You make a little candy fudge
And then you take your hat;
You hold her hand and say Good night,
As sweetly as you can;
Now ain't that a hellava evening
For a great big healthy man?

—IIT—

An old lady who was about to die told her niece to bury her in her old black silk dress, but to cut the back out and make herself a dress.

"Oh Aunt Mary," said the niece, "I don't want to do that. When you and Uncle Charlie walk up the Golden Stair I don't want people to see you without a back in your dress."

To which the old lady replied, "They won't be looking at me. I buried your Uncle Charlie without his pants."

—IIT—

He: I had a swell time seeing that blonde last night."

She: Go on, she doesn't know you from Adam."

He: So what. Her shade was up and I couldn't tell her from Eve."

—IIT—

(See SLIPSTICK on page 3)

steam shovel

IT DIGS UP THE DIRT

The Digger.

Heh, Heh, Heh the digger is back with more skeletons. He thanks his friends and informers for the telephone numbers that were submitted in commeration of Ream Your Buddy Week. As a result the dirt is really reeking today. This week the digger dedicates his column to those frustrated souls who live in fear of being picked up by the Digger.

* * *

While we're on the subject of pick-ups we cannot forget about Bob Carpenter and Irv Schwartz who jointly own a baby blue '37 pile of junk which they call an Oldsmobile.

Last week these characters met a '40 Pachard which came with a girl on the inside. This girl for some reason or other asked Bob and Irv and four other Joes to escort a bunch (seven to be exact) of girls to a football game, all expenses to be borne by the girls, last Saturday.

When our big IIT men found that the girls were bobby soxers 15-17 years old it was too late to back out. Quoted Carpenter:—"You should really go bobby-soxing—at least once a year."

* * *

What happened to Willie Wittenberg on the night of the Rho Delt Rushing dance? No one, not even a Rho Delt can answer that. The digger has however managed to procure evidence to the effect that "wistful" Willie picked up a date, whose initials are T.L. with intentions of bringing her to the dance. But it seems that they never showed up. Could it be that Willie and his date lost their way in the traffic on the way?

* * *

Speaking of the Rho Delt dance that Willie didn't show up to, we come to the affairs of one Favel D. (for Demon) Bernstein who did show up. It appears that "Demon" Bernstein did not feel comfortable in the company of his date. The "Demon" true to his name promptly relieved a brother Rho Delt of his date leaving his own high and dry. Buddy, Buddy!!

* * *

The men of Pi Kappa Phi have whetted their appetites for interesting pledges. During Rush Week, Joan Nicholas, a Kappa Phi Delta was seen walking out of the fraternity house after an afternoon date with a satisfied look on her face. There is some debate about the campus as to whether or not Joan was pledged. The digger is looking into this.

* * *

The disappearance of the worried look on Jim Norini's face was not caused by the reading of his textbooks. It seems that Jim saw his "auxiliary" girl friend recently and found there was no cause for worry. After visiting the young lady, he tore up the application for a marriage license and said he did not love her after all.

* * *

This is specifically intended for Jim Brophy: Others, please don't read! Don't place too much faith in that gleam in Muriel's eyes, she was seen resting comfortably in the arms of a competitor at the "Point." (55th street). Incidentally, Jim, he is three inches taller than you.

* * *

Triangle House is now looking about for anyone willing to take them on as a local plasterers' union. At first glance, the boys don't have much of an advertisement for themselves: Their ceiling fell in three times during clean-up week. But the actives point out that everything on the living room ceiling fell down except the part they put up themselves. It was only through the sheerest chance that the third fall didn't occur during rushing activities; instead of coming down Saturday night, the ceiling remained in place until everything quieted down about Sunday morning.

Minister's "Million Dollar Sermon" Is Beginning of Armour Institute

by Paul A. Thompson

It has often been said "where there is a will, there is a way." This statement has been proved many times. It was proved back in 1893.

Some years before, a young man, Frank W. Gunsaulus, graduated from college and entered the ministry. During the years following, he preached in several churches, and in 1887 he became minister of the Plymouth Congregational Church. It was his ambition to become the head of a new educational institution which would break away from the then traditional method of teaching. It was Dr. Gunsaulus' desire to *teach by doing*, to teach the practical things while at the same time to develop the students' minds.

There was one difficulty — it would take *one million dollars* to establish the type of college he had in mind! He dreamed and planned his ideal educational institution. He worked and planned every detail of organization, but only dreamed and hoped that a million dollars would appear.

After about five years of this, Dr. Gunsaulus stopped, took stock of himself and his plans, and realized that he had completed his plans for organization. He knew what methods would be used for teaching in his planned college.

The statement "I don't know" is one of the most noticeable marks of intelligence. It marks a person who knows what he knows and knows that there is a lot of information which he does not know.

So it was with Dr. Gunsaulus: He knew he did not know how he was to get the necessary money. He then decided that in order to secure the million dollars he would have to do more than just hope, he would have to have a plan and set a definite time limit for that plan to be accomplished in. He decided that he would have the money within a week. He called the newspapers and announced that he would give a sermon the following Sunday entitled "What I Would Do If I Had A Million Dollars." That night he worked past midnight writing his sermon.

Arising in the morning a few days later he paused for a moment and offered a prayer, then rushed off to church. During his excitement he left his notes at home. Arriving at church without his notes he decided that he would have to do without them. He was prepared very well, however, for all his plans of organization had grown and ripened in his mind for five years.

He began his sermon. He explained his plan. He explained every single details and advantages to be derived for the country. Young men had to learn about steam and steel which would become important in the years to come. He then sat down and the service continued. Slowly, a man got up from his seat, walked up to Dr. Gunsaulus, and whispered something like this. "I liked your sermon and believe you have something there. If you will give me five years of your time, come to my o.ce tomorrow for your million dollars. My name is Phillip D. Armour."

So was founded the *Armour Institute of Technology* in 1892 in what was known as Armour Mission.

When the rest of the country was burdened by a depression Armour Institute was becoming brick and stone and getting ready to open as a technological institute. The theology of the school was made plain when Armour said, "The religion of Armour Institute will be sixteen ounces to the pound, but undenominational, and it makes no difference to me whether its converts are baptized in a soup bowl, a pond or the Chicago river."

Information for Free

There are rumors of a plot afoot to undermine the morale of our instructors! Inside sources report that it's a fifth column activity, originating within the ranks of the faculty itself!

First hint of the nefarious conspiracy came the opening day of school. Striking when the confusion was greatest the instigators threw a bombshell into the camp of the instructors that must have staggered them.

It all came about like this: A group of about 35 happy-go-lucky students, without a care in the world other than wondering what their next class cards would bring, were sitting in a classroom, waiting the pleasure of their instructor-to-be.

Eventually the instructor staggered into the room. He was a man infamous among the student body for his classroom methods.

Wiping the froth from his mouth, the instructor cracked his whip two or three times to unlimber his arm. Then, unleashing a long fingernail, he leered at the front row and snarled, "Friday we will have a test in the prerequisite course for this class. If anybody fails—out!"

Normally an announcement such as that would strike terror to the student's heart. For most of them it had been three months since slide rules, error ratios, debits, credits, and differentials had occupied their minds. The curves they had viewed were not on plotting paper.

But the greatest effect was among administration leaders. The president was stunned to the toe-nails. The dean of engineering beat it out of town. The whole educational system of the Institute was being revised by a man who chose to give final exams of previous courses at the beginning of the following term!

It is not generally known among the elite of the faculty as yet. When they discover it their trust will be shaken to the roots. Instructors will see final exams at the end of the term become obsolete! Students who have made off with A's or B's will be back in their laps—victims of opening day finals!

No longer will an instructor be able to pass a student without fear that another will overrule his mark. He will be haunted by students trying to pass a course under two instructors.

For instructors free from the taint of the plot, this newspaper has maintained a small arsenal. At their pleasure, instructors can rent anything from a .22 target pistol to a bazooka. The line forms on the right.

TECHMEN TALK

This is a column devoted to opinions of representative Illinois Tech students upon pertinent questions asked by a wandering TECHNOLOGY NEWS reporter.

The question asked this week was: How does returning to studies after leaving the armed forces affect you?

Gene Hodges, first semester freshman veteran: About getting back to studying, had to say, "If you get down to working on your homework, you can get it done, but there's still quite a bit of it." Concerning his opinion of the number of coeds on the campus: "It doesn't make any difference to me."

Steve Szynal, second semester freshman, navy vet, EE. Commenting on registration: "It was worse than induction. They ought to improve it so you don't have to wait so long." Regarding the bookstore: "That vet bookstore isn't a bad idea." As for the homework situation, "Yes, it's hard getting back to studying."

Robert Duke, freshman vet ME. "I registered in May, took my entrance exams in July. Now I am going to night school here. In February I'll be able to get into day school. Home work, well, it's what I expected. The classes aren't easy—particularly English."

Gaspare Maiorana, sophomore vet, IE: "I had a heck of a time getting classes. Most fellows say the same. I was here from 8:30 to 5:30. Studying comes hard—very much so! As for gripes, they have all sort of worn off."

SLIPSTICK

(Continued from page 2)

Kid brother: "Give me a nickel or I'll tell Pop you held Sis' hand."

Suitor: "Okay, here."

Kid brother: "Now, give me a quarter or I'll tell Pop that you kissed her."

Suitor: "Here, now scram."

Kid brother: "Not so fast. Now give me five dollars."

—IIT—

A boy and a girl were sitting in the garden in the moonlight. She leaned close to him and whispered: "What would you do if you had money?"

Throwing out his chest with all of the exuberance of his young manhood, he replied, "Why, I'd travel, of course!"

She pressed her small white hand in his for a moment, then she was gone. He stared after her for a moment and then looked down at his hand. In it was a nickel.

—IIT—

During the hottest day in July, a third-rate Hollywood actor was walking down the street in a heavy blue overcoat. An old lady about to pass out from the heat exclaimed: "Good heavens, young man! Why are you wearing that heavy blue overcoat?"

"Because," whispered the ham, "I look terrible in brown."

—IIT—

Mercifully, I have no more jokes. Grandpa just went to bed. Clam

campus 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 ocnsidered for publication, although a writer's name wil be withhed from publication if desired.)

LETTER OF the WEEK

The excellent way in which the Institute Bookstore is handling the book situation under such conditions of heavy demand is their commendment. The books that are out of stock are listed to avoid repeating to the students that the books are not in. The crowded condition of the bookstore is also a thing to consider.

There still remains many doors open for improvement; for instance: the out of stock book list could be very much shorter. The Bookstore should have placed orders for the purchase of these books many weeks in advance. The number of students to be at school was known a long time before school began. Since the subjects and the books that these students would require were known, there is little excuse for not having the books on time. Thus many students and in some cases the entire class is falling behind because of lack of books and other equipment.

When a student, especially a freshman, has to hunt all over town for drawing boards, instruments, other equipment, and books his impression of the bookstore is very low —althoug ti's really its own tough luck. It usually happens that a vet or civilian after waiting in line at least a half-hour finds out to his utter disgust that his time was wasted; for they answered him with "We're all out of them."

One improvement that should and must be brought about in the bookstore is the availability of more space. On the student's side of the counter much space is taken up by extravagant stands for post cards, greeting cards, and magazines. Both this clustered floor and counter space should be cleared. This way more vets and civilians would be able to at least get near the counter and sales would proceed more rapidly.

A sales counter should be built where the magazine rack is now kept. This would increase counter space and since that space is not being used to the students advantage anyway, conditions would be improved.

A list of all the Institute Bookstore's shortages should be poted, where it can easily be seen. This would save much of the time of the sales personnel and the students.

SAM MEETINGS

Now, more than ever, there is a greater interest in the Society for the Advancement of Management because of the newly inaugurated "Management Option." Last semester I personally talked to, and knew a considerable number of men who sincerely wanted to join this organization but who found it utterly impossible to attend meetings because they were held around 6 p.m. at night.

This organization would accomplish a great deal more if they would hold meetings at 11 a.m. during the free days now on the schedule (Wednesday and Friday). Many sincere and earnest individuals would therefore be able to attend and become active.

I hope some definite action can be taken on this matter.

Sincerely yours,
M.O.

Fraternities & Sororities

TRIANGLE

Triangle held a formal initiation last Sunday for the new actives. The men are: Howie Baum, Sam Curiale, Bob Enroth, John Horn, Frank Koditek, Joe Melek, Ken Newhauser, Lorenz Schmidt, Henry Seaman, and Ken Turner. The initiation was followed by a banquet held at the Como Inn, 546 N. Milwaukee.

Three men were pledged at the Triangle meeting last week; they are Walter Bay, Ken Koch and Don Kraycraft.

Plans are being made by Arnie Kunst, social chairman, for a Halloween Party to be held at the house.

PHI KAPPA SIGMA

The Phi Kaps concluded the Rush Week activities with an orchestra dance which was attended by the actives of the chapter, rushees, and members of other fraternities on the campus.

After the smoke and fury of Rush Week was over, it was noted the Phi Kaps had pledged twelve new members. The new pledges are Emil Bandovich, Bill Barrows, Larry Boecher, John Carberry, Dave Hutchinson, John Keiser, Earle Kracht, Bob O'Keefe, Bob Parsons. Bob Roberts, Dick Slusser and Fred Wild.

The Skull house is now busy getting its football team in shape for the coming inter-fraternity competition.

SIGMA ALPHA MU

A rushing social was held Saturday, September 28th at 6200 North Sheridan Road. Present among the guests were James C. Hammerstein, National Executive Secretary and Sam Callner, Regional Counsul. Mr. Hammerstein complimented Sigma Epsilon on the well planned affair. Music was furnished by "Wreck" ords and his "Solid Senders."

Nineteen men were pledged recently. They are Jona Cohn, Sid Doppelt, Richard Furor, Donald Gimpel, Donald Goldsmith, William Grant, Dave Halperin, Ernest Heiman, Ol Hollander, Marv Leon, Albert Malis, Ernest Partos, Bernard Peller, Harold Rechter, Leonard Schraiberg, Marshall Stein, Leonard ler. With many men returned from service, Sigma Alpha Mu now has thirty-five actives, and will be well represented in the coming interfraternity athletic activities.

Last semester this chapter was awarded the IFC Scholarship Cup.

Leonard Rabins, chairman of the social committee, has announced an active social calendar for the coming season.

RHO DELTA RHO

The Rho Delta Rho men are looking forward to a house warming to be held in the fraternity house at 3218 S. Princeton. This house warming will mark finis to many hectic weeks and months of cleaning, painting, decorating and repairing. The date of the affair, although not definitely set, will probably be in the next few weeks.

Scheduled for Saturday night, October 26, is the fraternity Halloween Party which will be in the form of a hayride at Edgebrook. Al Eaton, Rho Delt social chairman, said that since almost all of fraternity brothers have indicated their intentions to take part, the affair would be expected to be a great success.

Arrangements are also going forward for the annual election of officers next Monday.

ALPHA SIGMA PHI

On completion of a gratifying Rush Week, Alpha Sigma Phi has become more active by the addition of twenty men in the pledge class. Of these, John Scapin, Bob Shuldes, Ray Peterson, Bob Ellis, Leslie Hardison, Bob Bartlett, George Gallagher, Kenneth Pelc, Carl Anderson and Napoleon Perkowski are "town men" who live in or near Chicago. These men eat their noon meal at the house and have study facilities available to them at all times.

(See FRATERNITIES, SORORITIES page 5)

Editorially Speaking

Tech Needs Organized Athletic Program Now

by Ed Arends

With the tremendous increase in enrollment in the past few semesters, it has become apparent that several factors, contributing to the welfare and success of a student both now and after graduation, are undoubtedly lacking or sadly neglected on the campus of Illinois Tech. One of paramount importance and which serves to divert the student's mind from the drudgery of school work, is athletics, and the manner in which it is received by the administration and student body alike.

Varsity athletic activities have always been lightly accepted by the administration, the faculty, and the students. The administration as a whole, looks upon athletics as merely something that other schools have and consequently something that Illinois Tech must also offer. Most of the faculty looks upon Illinois Tech as their place of business where a job is to be done, and when it is, it is time to go home. Most students on the other hand are not favorably impressed with the sports program when they first enter school and thus disregard it or show no interest in furthering the destiny of Illinois Tech in the field of sports.

When a subject such as how prominent the athletic program should be at Illinois Tech is brought up, those who show little interest in such activity contend that athletics cannot play an important role in an engineering college. This argument has become absurd since the merger of the Lewis and Armour divisions. True, time was scarce when engineering students comprised the student body on the south campus, and classes and laboratories commanded most of their free time, thus virtually eliminating time for participation in athletics, let alone other extra-curricular activities. Liberal arts students, however, who have few laboratories, and classes which can be scheduled in the morning and early afternoon can certainly provide much needed talent on Tech sport rosters. With the extensive building program now in progress, more students can be accommodated in the future. This will mean that there will be more liberal arts students on the campus due to the extended facilities. What is going to be done for these potential students to provide athletic facilities? No plan with regards to this have been released by the authorities as yet.

A promotional plan, on behalf of the welfare of athletics, by the administration would promote student participation and interest now and germinate plans for more widespread future activities.

An important step in this direction would be for the administration and faculty to become "sports-minded." Since faculty members come in contact with new students, promotional activities would encourage early participation. Few new students fail to realize that Illinois Tech does include sports in their overall program. This "consciousness" on the part of the school heads and faculty would undoubtedly be realized by the students, causing the foundation for SCHOOL SPIRIT to be laid. Thus the spirit would be known by many rather than a few as it is today at Illinois Tech. Once the seed is sown, the part of athletics becomes evident. It can do something that fraternal groups and other groups have failed to do in the past.

With increased interest in athletics, students would have a means by which prejudices and differences instilled by fraternities and other organizations would be forgotten and an opportunity to display their spirit in cheering THEIR team on to victory. The effect of this spirit on the team would be undoubtedly worthwhile. Squad members would feel that they were playing for a definite goal or purpose rather than just for their own personal enjoyment. Again it will add an incentive for others to try and clinch a berth on the varsity squad. School Spirit is something the students of Illinois Tech need in common and athletics is the ideal prescription. It would result in many students refraining from referring to Illinois Tech as "that old dingy hole at Thirty-third Street," since a greater degree of school LOYALTY would become evident. Other schools have it, why not us?

With faculty and students alike interested in the sports program, facilities for both varsity and intramural competition would automatically become adequate as the demand for them would require their availability. A statement excusing the cramped facilities now experienced heaps blame upon the building program. Without a doubt not much can be done now, but why weren't sufficient provisions made earlier? Surely Ogden field met the demands of the athletic department earlier in the history of the school, but why didn't facilities grow with the enrollment? this shows that those responsible were those directing and managing such affairs in preceding years. The question remains whether Illinois Tech and her student body are going to suffer the same fate a second time or whether they are going to be provided the same athletic accommodations as given by other schools.

Again, officials of the school say that adequate provisions are being made for the athletic welfare of the students in the new Technology Center. How can athletic interest and subsequent spirit and loyalty be incubated overnight? Other schools have spent years building up prestige carried by their teams in athletic competition. This not only suggests but demands that Illinois Tech follow suit if this mutual and long sought feeling of spirit is to claim the student body of Illinois Tech.

By prompt organization, work can be started along these lines and thus by the time new athletic facilities are available, Illinois Tech will have begun to realize what widespread school spirit means.

Illinois Tech, with student participation through student interest, will boast many fine teams if the initial effort is made now. Prestige will be garnered along with a furthering of spirit if the Techawks enter an organized league or conference, competing with schools of equal ability. Such a schedule of competi-

Uncle John Holds Four Sport Awards All-Western End

A big man with a bigger smile is Mr. John J. Schommer, Illinois Tech's Athletic Director, and Director of Placement, known as the inspirational leader, adviser and friend among friends. His integrity, fearlessness, and good-nature "made" his name.

To all former Armour students and present students of Illinois Tech, this genial gent bears the title of "Uncle John." A four letter man, he is from The University of Chicago. On the Midway he predominated in football, baseball, basketball and track. "Mighty John" captained the intercollegiate football champion Maroons in '08 and rated the honor of All-Western end.

He was an official of the Big Ten conference (now Big Nine—minus Uncle John's alma mater) since 1910, and is a national authority on intercollegiate athletics. As a regular speaker of Monday morning quarter backs, Mr. Schommer, by virtue of his umpire's capacities, enlightens fellow "quarter-backs" on just why the "Fighting Irish" pulled a reverse on the third down while on the 22 yard line. All this has netted him the title of one of the Middle West's most popular luncheon and dinner speakers.

"Young" Schommer moved his books and slide-rule up the street a bit after receiving his B.S. degree from The University of Chicago in '09, and enrolled at Armour in the Chemical Engineering department. In 1912 he became a professor in Industrial Chemistry. After a while "J.J." became athletic director and basketball coach. A few years back "Uncle John" was made Director of Placement, a job which he particularly enjoys. Other posts he has held include a long siege as president of the Alumni Association and a member of the Board of Trustees.

Basketball Drills to Begin Wednesday in Gym

Basketball practice will begin at 5:00 p.m. Wednesday, Oct. 9, in the school gym, announced "Sonny" Weissman, basketball coach. All those wishing to try out for the basketball team should report in the gym at that time.

Practice will be held in the gym until the end of the month at which time the squad will be cut to fifteen men. From Nov. 4 on the team will practice at the Valentine gym on 34 and Emerald to tune up for the Loyola opener December 3.

The first scheduled basketball practice of the season has been moved up from October 14 to this Wednesday. The cagers will work out in the school gym on the fifth floor of the Main Building until the end of the month. The squad will then be cut and then move into the Valentine's Boys Club on 34th and Emerald on the fourth of November. Anyone interested in playing with this year's hardwood five should turn out Wednesday. Coach Weissman has arranged a heavy schedule and Tech students can be assured of some top-flight games this campaign.

Although the turnout for the intramural touchball tournament is still considered very poor, play will begin with ten teams. The junior class, usually considered the most active one in the school, entered but one team. Unfortunately, few fellows realize the benefits which can be derived from competing in intramural sports.

The officers of Honor I, the campus athletic honorary, have requested that the subject of wearing school letters be brought to the attention of the students. It is the custom around the campus to allow only those letters awarded by Illinois Tech to be worn. This means that fellows who have been wearing foreign school emblems have violated a standing custom. It might be added that in the past, it has been the privilege of Honor I men to remove these emblems forcibly if a request isn't sufficient.—Incidentally this does not apply to school sweaters without the emblem.

Teams Line Up for Initial IM Touchball Clash Tomorrow

All Classes to be Represented on Ogden Field; Simultaneous Play on Two Fields to be Arranged

Ten teams have entered the intramural touchball tourney and play in the annual event will begin tomorrow. All games in the tournament will be played on Ogden Field. Two fields will be laid out which will enable two games to progress simul-

Only two freshman teams have been entered although it was rumored that at least five clubs were planning on entering competition. Beside the freshman teams, squad entries have been received from four senior groups, a junior crew, and three sophomore outfits.

The regulation governing play in the tourney will be posted on the intramural bulletin board in the Student Union building. Members of all teams, particularly the captains, should familiarize themselves with the rules. This will eliminate many infractions requiring penalization which would ordinarily be overlooked by players not acquainted with the regulations, and also avert possible serious injury since the players are not protected by conventional equipment.

Since the game will have halves of fifteen minutes duration, limitations have been placed on the number of substitutions. Individuals may not re-enter the game more than twice during one period. This will eliminate a continual stream of men entering and leaving the game.

Stringent rules on blocking have also been drawn up. A man cannot leave his feet when executing the block, i.e. one foot must be on the ground at all times. Past experience has indicated that this rule had to be included among the others. Strict penalties will be imposed on the teams using illegal blocking, and also for clipping.

It may also be mentioned that cleated and spiked shoes are outlawed from play.

Ed Arends, intramural manager, requests that any individuals desiring to officiate at the touchball clashes should contact him or leave word in Sonny Weissman's office.

Tuesday—5:00 p.m.
Senior Chems vs. Dove's Frosh

Wednesday—5:00 p.m.
Soph Mech's vs. Senior Mechs

Thursday—5:00 p.m.
Gremlins vs. Senior Civils

Friday—5:00 p.m.
Junior Civils vs. Wrong Guys
Tietz's Terrors—Senior F.O.'s—Bye

Reminder to Students: Athletic Letters Other Than Tech's Forbidden

Honor I, athletic honorary fraternity, has issued a reminder to all students that the wearing of letters from schools other than Illinois Tech is not allowed on the campus.

The ban on foreign letters is a school policy which is enforced by Honor I. The sweaters themselves may be worn, but the letters must be removed.

A meeting for all Honor I actives will be held on Friday, October 11, at 11 a.m. in Bernard "Sonny" Weissman's office to elect new officers. Final plans for the picnic on Saturday evening, October 12, will also be discussed.

The picnic will be held at the outdoor pavillion at the foot of the Palos Park ski jump. The initiation of golf coach Sam Bibb will take place at the picnic.

Alpha Sigs, Delts Clash in IF Opener

The IF football season will get under way Monday, October 14, with Alpha Sigma Phi playing Theta Xi, Chuck Hatstat of the Delts will referee the game.

The tournament will be double elimination and played according to the rules of six man football with the following exceptions: touch with either or both hands shall be substituted for tackle, blockers may not leave their feet to block an opponent, halves shall be of twelve minute duration.

According to the rules of six man football the ball must be handled by two men before it can legally cross the line of scrimmage.

The tourney should be hotly contested this fall with all teams having an abundance of material. As an added incentive both Delta Tau Delta and Alpha Sigma Phi have two legs on the football trophy. Phi Kappa Sigma, Pi Kappa Phi and Rho Delta Rho each have one leg on the trophy. The Alpha Sigs have the trophy in their possession at the present time.

An Interfraternity tennis tournament is being planned for sometime between October 15 and 30, according to Ken Thompson, IF sports

(See IF OPENER on page 5)

McCauley Calls Cinder Squad to Fall Meeting

There will be a meeting at 5 p.m., Oct. 9 at 301 Machinery Hall of all men interested in running cross country this fall according to Roy B. McCauley track coach.

All others who intend to try out for track thic spring are urged to attend. Distance men are expected to attend.

Like other varsity squads on the campus, McCauley will be forced to rebuild his entire team, since graduation and Navy discharges have claimed virtually every letterman from last year's cinder squad. This schools of the same caliber of comwill enable him to book meets with petition of the 1947 squad.

Dr. McNamara Initiates Health Lectures Thursday

A series of health lectures will be given in the Auditorium by Dr. J. F. McNamara beginning Thursday, Oct. 10 at 1:00 p.m. All freshmen are required to attend and upper classmen are invited to attend.

Those men desiring to ask questions of hygiene should address the inquiry to Dr. McNamara through interoffice mail. Dr. McNamara will devote ten minutes of each period to answering these questions.

Rockford Co-ops Get the Breaks; Girl Ratio is 7½ to 1

"There will be 7.5 females to each male Illinois Tech student on campus!" A misprint you say? No, those are merely the conditions that will prevail on October 8th when the second group of students begin training under the IIT co-op plan at Rockford College, Rockford, Illinois.

At that time 40 men, mostly veterans, from the Rockford are will begin their freshman ME studies amidst the 300 coeds at the girls' school. Simultaneously 27 students who were the initial co-ops in the program, which began last April 19th, will return to positions with nine industrial firms in the Rockford area.

Coordinator of the unique program is Mr. H. L. Minkler, former instructor in the technical drawing department at the Lewis division of IIT. Upon his discharge from the navy February 1, Minkler took up the job of maintaining contact with the Rockford firms cooperating in the program. In addition to his coordination duties Minkler doubles in teaching T.D. to the co-op students.

Evidence that the girls have accepted presence of the Techawks has been witnessed by the establishment of fine recreational and lounge facilities. In addition special facilities are being planned for the co-ops in the new Physics Building to be built at the college in the near future.

After completing four school terms at Rockford College the co-ops will come to the Armour campus for their junior and senior years. During alternate semesters the men will return to Rockford for additional industrial education.

Under the plan students will receive their ME degrees in five years and three months from the starting date, including alternate summer terms.

So if the 30 men to 1 girl ratio on the Armour campus has you down, men—look northwest to Rockford!

Drive for New ASME Members

The ASME will hold its first meeting in the Assembly Hall next Friday, Oct. 11 at 11 a.m. Activities of the coming semester will be planned. The officers of ASME have arranged for guest speakers to appear throughout the term. At least one tour of an industrial plant will be conducted early in the semester. Movies that are of interest to engineers will be obtained for future meetings.

To be accepted as a Junior member of the ASME without having to pay a large fee, the applicant must have been a member of a Student branch for at least two semesters. The dues which the Student branch requires are much less than the Junior membership fee.

Another service offered by a membership in the ASME is the monthly magazine that is sent to each member. This publication contains articles written on new developments and ideas by important men in the mechanical engineering field.

The semester's membership drive will also swing into full gear. A great many of the "mechanicals" have reached their senior year without having become members of the ASME. It is these students that we particularly wish to contact in this drive, said the ASME.

Beta Omega Nu to Meet; Old Members Return

Beta Omega Nu, an "inter-fraternity honorary" will hold its first meeting of the semester at 222 W. 33rd street at 9 p.m. on Wednesday. BON was founded for the purpose of promoting interfraternity cooperation and understanding. Bob Backlund is looking forward to the return of many members from the service adding that with the return of these members new and interesting activities will be entered upon.

Automatic Weapons Must Be Registered

Under the provisions of the National Firearms Act, all war trophy automatic firearms, such as machine guns, machine pistols or any gun that will fire more than one shot or bullet with one continuous pull of the trigger, must be registered with the Commissioner of Internal Revenue. Failure to register such weapons is a criminal offense, punishable by a fine or imprisonment.

Persons owning such firearms should contact in person, by telephone, or mail the nearest Investigator in Charge of Alcohol Tax Unit, Bureau of Internal Revenue, United States Treasury Department, or write to the Commissioner of Internal Revenue, Washington, D.C., and a government representative will call and assist them in the registration without charge.

These firearms can be made permanently inoperative without marring the appearance of the trophies. Investigators of the Alcohol Tax Unit are prepared to assist possessors of these guns who wish them made inoperative.

LEND A HAND

Become a

STAGE HAND

For

DRAMATECH!!

Good Experience—Pleasant Working Conditions

Applicants will be Interviewed Monday, Oct. 14, at 5:00 p.m. Student Union Auditorium

Alpha Chi Sigma Greets Dr. Rushton

Bob Czeropski has been elected master alchemist of the Alpha Chi Sigma chemical engineering honorary fraternity. Other new officers are: vice master alchemist. Grant Medin; reporter, Nick Contos; recorder, Harry Clew; historian, George Kleinmare; treasurer, Edward Cornwell; master of ceremonies, Roland Stancl.

Dr. Rushton, new head of the Chemical Engineering department, was welcomed into the Alpha Chi Sigma chapter at IIT. He was formerly master alchemist at the University of Pennsylvania. The activities planned for this semester include a stag gathering that will be held October 12 at one of the actives' home.

IF Council Elects Officers for Term

At the first official meeting of the Interfraternity Council this term the following officers were elected: President, John Pottenger; secretary, Frank Havlik; treasurer, Ken Thompson; and handbook editor, Sheldon Schrieber.

Howie Smith, who has been revising the constitution, will present it for approval at a special meeting on Thursday at 5 p.m. The system of each fraternity playing host at an IFC dinner meeting is being reinaugurated.

Bob Czeropski, the retiring chairman, stated, "Now that the fraternities have their houses back I believe an unprecedented period of prosperity and more amicable relations should prevail."

Souvenir Gun

DISARMING—War trophy automatic weapon is disarmed by a government technician. Federal Law requires that all full automatic weapons be registered with the Alcohol Tax Unit and rendered inoperative.

A.S.C.E. Elects Officers; Membership Drive Starts, Freshmen May Now Join

The Illinois Tech chapter of the American Society of Civil Engineers elected Henry Hawry, senior CE as president at a meeting of the group held last Friday.

Other officers elected for this term were: Vice-president, Bert Lewis; secretary, Laverne Miller; and treasurer, Howie Baum.

Upon election Hawry began to make plans with the members of the society for a concerted membership drive during the next week. The group voted to allow freshmen members in the ASCE. This was done so that freshmen CE's could get a better idea of the field which they are training for by hearing talks by prominent civil engineers at the ASCE meeting, Hawry said. Membership, which is open to all civil engineering students, may be secured by contacting Baum, Miller, Jack Vetter, or from Miss Marie Schrot, CE department secretary in Room 215C.

William Goldman and Miller were elected by the group as delegates to the ASCE convention to be held in Kansas City, Mo., October 16, 17, and 18. The delegates are being sent to represent the Illinois Tech chapter at a meeting on Oct. 17 of ASCE student chapters, held in conjunction with the regular ASCE convention.

● ELECTRONICS

(Continued from page 1)

vision transmitter, dielectric heating, and new systems of long range navigation.

Antennas and wave propagation, radio relay systems, electronic instrumentation, recording, and facsimile were covered by afternoon speakers from various fields of research, while a five-man panel spoke on the design of frequency modulation receivers. A demonstration of radar and micro-waves was presented in the evening by Dr. J. O. Perrine of Bell Telephone Laboratories to a joint meeting of the A.I.E.E. and I.R.E.

The Saturday morning session was devoted to a discussion of industrial applications of atomic energy by E. T. Neubauer of Allis-Chalmers Manufacturing Company. He repeated the often made statement that atomic power is only practical in large installations in which sufficient shielding for the protection of workers in the immediate vicinity may be included. Since this shielding must be a number of feet thick, the use of atomic power for automobiles and airplanes is prohibitive.

● SENIOR CLASS

(Continued from page 1)

scholastic ability. This authoritative disclosure should make men in the lower scholastic bracket take heart and those in higher standing, take stock of their personality traits.

Brains cannot be increased—they can only be further educated, but a person can, should, and must conform his personality to become pleasant and cooperative.

"Uncle John" further pounded into the class the proper interviewing techniques and form filling by giving examples of costly boners pulled by past graduates.

Mr. Joseph Bird of the RCA Corporation of Camden, New Jersey spoke to the graduating class of the type of letter an employer expects to receive from a graduate engineer.

Teachers Wanted

Engineering (all branches)—Numerous Instructorships—Fellowships open for Bachelors. Also heavy demand for those qualified for Proefssorships, Associateships and Assistanthips.

Fine Arts & Sciences—Scores of vacancies in Colleges and Universities in all sections.

Secondary-Elementary—All kinds of positions in locations paying the highest salary schedules. Numerous Pacific coast calls.

For quick placement give phone no., photograph and qualifications in first letter.

Cline Teachers Agency

East Lansing, Michigan

H. Hoffman Is Elected to Head Physics Club

H. E. Hoffman was elected president of the Physics Club at the club's meeting last Thursday. He will succeed Ray Schoelm who resigned because of his impending entrance into the army.

The club intends to continue last semester's policy of having demonstrations and talks given by members.

A tentative calendar of members who wish to give talks will be planned at the next meeting which is to be held Thursday, Oct. 17, at 5 p.m. in 207P.

● IF OPENER

(Continued from page 4)

The tournament will be an elimination contest with each match consisting of four singles' matches and a doubles' match. The games will be played at Armour Square.

Sports managers of the fraternities are asked to watch the bulletin board in Student Union for notices on IF Sports.

"Who's Who Among Students" Select 22 From Illinois Tech

Twenty-two juniors and seniors have been selected to represent IIT in "Who's Who Among Students in American Universities and Colleges." As such they belong to the group of students designated by the editors as the best of the nation.

The idea of giving recognition on a national basis to outstanding students by means devoid of politics, initiation fees and dues was first applied in book form in 1934-35. The purpose was two-fold: first, to honor the outstanding students in American colleges and second, to establish a reference volume of authoritative information on America's leading college students.

The detailed information files on students' records are at the disposal of all business concerns in the U.S. and Canada looking for employees. Any student seeking employment with a particular company is aided by sending to that firm the student's full record. This has been instrumental in the placing of thousands of graduates.

The method of selection varies from school to school but must be approved by a college official. The men selected from the IIT student body for this honor are the following:

MECHANICALS

E. H. Arends, D. H. Asire, R. R. B. Backlund, A. E. Bourdon, R. E. Boyar, M. G. Gabriel, R. G. Fischer, J. P. Hartnett, D. G. Hoffman, K. K. Kuhnle, E. E. Lindahl, J. P. Makielski, C. Sammons, L. A. Schmidt, F. R. Travis, H. W. Wickham

ELECTRICALS

J. J. Brophy, L. F. Giegal, C. A. Hatstat, W. W. Kosicki, DeWitt Pickens

CHEMICALS

G. E. Medin

CIVILS

H. P. Baum

● Fraternities, Sororities

(Continued from page 3)

Pledges Harold Nelson. Richard Lofgren, Leonard Rheinecker, John Peterson, Edward Lyden, Edward McCabe, Ermon Smith, James Donahue, George Hottinger and Al Zadrovitz are house men. Most of these men took their preliminary obligations to the fraternity Monday evening, Sept. 30 following a Pledge Dinner. Pledges are now actively engaged in their assignments which are requirements of their pledge period.

Along the sports line, the fraternity has been carrying on intensive practice on the gridiron so that selections for the touch-football team might be made. More than a few hopefuls have been starring among the pledges.

Also bolstering the roster of Alpha Xi chapter are former actives returning to the campus this semester after serving with various branches of the service. They are Bob Petrillo, Jack Smith, Lloyd Johnson, George Hussinder, Norm Swanson, Ronald Lind and Bob French.

PHI BETA PI

Phi Beta Pi Sorority held its first meeting of the semester at Luella Simon's home last Tuesday. Newly elected officers are: Ramona Osherow, president; Claire Sonenblum, vice president; June Yyons, se'cy.; Carol Moses, treasurer; Rena Zlotnik, Pan Hellenic Council Representative.

Plans for a party toward the end of the month, to be held in conjunction with the Praetorians were discussed. Rushing plans will be the subject of the meeting to be held today. At this meeting the new sponsor, Mrs. Margaret Matchett of the mathematics department, will be introduced. Mrs. Matchett formerly taught at the University of Indiana, the University of Maryland and Denver University.

Use Airborne Television

Airborne television equipment designed to guide pilotless projectiles through the air and to provide coast-to-coast television networks at a fraction of operating costs by other methods, was described at the National Electronics Conference as a part of a discussion and demonstration of recent electronic developments at the Edgewater Beach Hotel.

Leonhard Katz of Raytheon Manufacturing Company described television equipment devised during the war for use in guiding missiles to their objectives as much as 80 miles away. Characterizing this system as a new method of warfare for both offense and defense, Katz stated that, "the guided missile will be the means of waging the war of the future."

Experiments with light-weight transmitting equipment was begun as early as 1941 by the Army Air Forces at Wright Field, Ohio, Katz said. This equipment, weighing less than 100 pounds and costing approximately $2000, was installed in "war weary" planes or in the nose of glide bombs to send televised pictures to portable ground receivers which the missiles guided directly to their objectives. In actual operation overseas, good results were obtained during experimental raids in the later stages of the war.

Stratovision, an airborne system whereby programs can be broadcast by airplanes in uight equipped with light weight transmitters, was described by C. E. Nobles of Westinghouse Electric Corporation.

Using ordinary methods for transmitting such programs only 100 ground relay stations 35 miles apart would be required for a program tie-in between New York and Hollywood. A similar result can be obtained by a network of sight airplanes, flying at a height of 30,000 feet, 400 miles apart.

Such relaying could be designed to carry several television programs, FM network programs, facsimile, and motion picture theatre television. The coverage of a single such plane located over Pittsburgh, for example, would represent a potential audience of 16 million people, Noble said.

Each plane would be capable of broadcasting television and FM programs to an area of 103,000 square miles utilizing an eight-plane network from New York to Hollywood. By adding six more planes, approximately 51% of the area and 78% of the population of the United States could be covered. The total additional cost of operating the airplanes in such a program would be approximately $200.00, he said.

Pan Hellenic Council Plans School Dance

At their first meeting of the term last Tuesday, the Pan Hellenic Council formed plans for a large all school dance to be held sometime in November. The exact date is awaiting ITSA approval.

Two representatives of each sorority compose the Council which sets the rules for the campus sororities. Joan Nicholas was elected president of the group, while Reva Zlotnick, Betty Duke, and Marlys Hewitt serve as vice-president and secretary and treasurer, respectively.

In addition to Dean White's rules governing organizations on the campus, the Council stressed the following laws concerning sorority rushees: 1. No rushee is to stay at a private home or dormitory all night unless active members of more than one sorority are present. 2. When a rushee is visiting an active member of a sorority, there must be an active member of another sorority present. 3. Only girls who have been at IIT one semester are rushable.

Newman Club to Hold Meetings Every Monday

At the first Newman Club meeting of the term last week James Hartnett, president, introduced the proceedings scheduled for the coming months. Plans for the semester include open forum meetings and lectures by several notable speakers.

In addition, discussion groups are planned that will include the Newman Clubs from the University of Chicago and the Chicago Teachers College.

Meetings are tentatively scheduled for Monday at 5 p.m. Hartnett indicated that all students and especially those of Catholic faith are invited to attend.

S.A.M. to Hold Dinner; John Imhof to Speak

There will be a dinner of the Society for Advancement of Management in the East Dining Room on Wednesday, October 9, 1946, at 5:30 followed by a meeting at 6:15.

The speaker will be Mr. John Imhof, factory manager of the General Electric X-Ray Co. of Chicago. The subject of the talk is to be: "The Job of the Factory Executive."

S.A.M. re-organized last spring to extend its activities from its evening chapter to day school. Officers are: President, Robert S. Hamilton; vice-president, Wilbur Hannahan; secretary-treasurer, Raymond Kaiser.