

AT THIS TIME of the year we are besieged by numbers of people selling one thing or another, each one supporting a good cause. Illinois Tech's veteran club, ITV, is soliciting funds today, but they don't have anything to sell. They want money to furnish some small part of the Christmas spirit to other veterans who are hospitalized in the Chicago area. Primary targets of the ITV drive will be those wards wherein are confined men with serious contagious diseases. Because of their isolation, these men are not able to take part in many of the activities sponsored by the Red Cross. Contribution to a fund to help provide some small Christmas entertainment for these hospitalized veterans should be one IIT activity in which more than the usual ten percent participate. After all, these ex-GI's didn't get where they are by bucking rivets.

SPEAKING OF CHRISTMAS
spirit, we have been seeing signs of it here on the campus. Latest out-breaking of the Yuletide feeling of peace among men was noticed last week when *Technology News* began to receive complaints that professors, and instructors, too, have been making out next week's assignments. To give the guys a break, the work isn't due until the first class session of next year. But strangely enough, it will take almost two weeks to finish the assignments. Men who make up such work lists are the kind who receive Christmas presents which tick.

Seniors to Get Souvenir Bids

Graduating seniors will find the method of purchasing bids to their Senior Farewell quite different from conventional procedure, according to James Hartnett, chairman of the social committee.

In order to provide both the Teehawk and his date with a suitable memento of the occasion, souvenir bids will be given to both. Mark Dunsell, of the bid committee, says the bids will not only be larger than usual but will also contain more information. Orders for these will be taken from 11 a.m. to 1 p.m. at a booth in the SU lobby tomorrow, Thursday, and Friday. The tentative \$3 dinner-dance bid will be in addition to the souvenir bid fee of \$1 which must be paid for in advance. Representatives at the booth will give the purchasers' receipts to be presented at the ballroom entrance in exchange for the bids. This procedure, according to Joan Nicholas of the Bids Committee, will avoid the increase in the bid price which would be necessary to cover the cost of the unpaid cancelled orders. However, she added, lack of a definite decision to attend the farewell should not keep a senior from ordering since the bids will make a souvenir of graduation in any event.

The social committee has selected the Shoreland Hotel's grand ballroom as the site of the Senior Farewell dinner-dance. The formal affair will start at 7:30 p.m.

Table service will be available all evening. Social committeeman Ed Arends, in charge of procuring an orchestra, said music and dancing will be from 9 p.m. to 12 p.m.

ITV to Sponsor Hospital Party

Seek Contributions to Fete Tubercular Vets

The Illinois Tech Vets with the cooperation of the Home Economics Club, will ask Illinois Tech students and faculty members to help support ward parties for hospitalized veterans this Christmas. A table will be set up in the lobby of the SU this week where contributions can be made.

Gifts will be distributed and all party arrangements will be made by Miss G. Sloan of the Camp and Hospital Shows section of the American Red Cross. One group which will receive gifts purchased with IIT contributions will be the Tubercular Ward of the Marine Hospital here in Chicago. Since visitors are not allowed in the ward, entertainers cannot present shows for these patients.

"All disabled veterans in the area cannot be taken care of but the number that can will depend upon your contribution," said Frank Hall, president of the ITV Club.

Deadline for Scholarship Applications: Dec. 19

The deadline for applications for Institute scholarships is December 19. Any student who desires financial aid for the semester beginning in February must secure an application from Dean White's Office and return it to him prior to this date.

Two new scholarship funds have recently been established for students at Illinois Tech. The Ekco Foundation Scholarship is for four years and will be awarded to one incoming freshman each year. This award will be granted at the time of the spring scholarship examination and pays \$700.00 per year to cover tuition and expenses. The Max Goldenberger Fund established by the Max Goldenberger Corporation of Chicago, provides full tuition for two semesters to two students enrolled in science and in engineering. It is limited to junior and senior students. Applications for this award should be made prior to the regular scholarship deadline.

All students who are not veterans and who entered Illinois Tech for the first time in September, are required to submit a certificate of vaccination. If this has not already been done, such certificates should be turned in to the Doctor's Office in the auditorium immediately.

Newman Club to Hear Rev. C. Lavery Tonight

"International Affairs" will be the subject of a talk to be given to the Newman Club by Father Charles Lavery, O.S.B. this evening. Father Lavery is, at the present, studying for his doctorate degree in political science at the University of Chicago.

The discussion will start at 7:15 p.m. Afterwards the club will have a Christmas party to which girls from Mundelein and Chicago Teachers College have been invited. The meeting will be the last regular gathering this term. A business meeting will be held in January at which time new officers will be elected.

New Tau Bate Men



PLEDGES—Tau Beta Pi pledges line up for their picture after pledging ceremony. In the usual order, Standing: Marion Lewis, CE; Hans Wanzel, ME; Paul Boggess, EE; Louis Hart, ME; Hillard Gendrynski, ChE; and Kenneth Mortimer, ME. Seated: Martin Gabriel, ME; Roy Norlander, ME; Hugh Christian, ME; and Felix Rosenthal, EE. Six more men were pledged, but escaped the photographer.

Traditional Christmas Program This Friday; Classes Excused

Firmly established in the traditions of the Illinois Institute of Technology is the Christmas assembly, which has always been enthusiastically greeted by students and faculty alike.

Notices have gone out from the Office of the Dean to the teaching and administrative staffs indicating that Friday morning, from 10:30 a.m. to 12 noon, is to be held open so that everyone will have an opportunity to attend the Christmas assembly. The music clubs are preparing an unusual program including several new Christmas numbers for the assembly to be in the auditorium.

President Heald's Christmas Message

"Next week, with a spirit of reverence and humility, we shall again celebrate the birth of Jesus Christ. This Christmas we have much to be thankful for. All of us pray that in the year 1947 and in the years to come there may really be "peace on earth and good will toward men." May this holiday season bring every IIT student and staff member a full measure of happiness."

A chorus of 25 secretaries and coeds will open the program singing a group of Christmas carols. One of the outstanding numbers offered by the band will be "Gesu Bambino" by Yon, which is a beautiful, flowing melody based on the [See TRADITIONAL Christmas on page 6]

Vets Office Reminds of G.I. Bill Provisions

The Veteran's office wishes to remind students of some extensions of the G.I. Bill: Vet students who find it necessary to drop out of school have until two years after the end of the war, which Congress has not yet declared ended, to apply for the Servicemen's Readjustment allowance. For those who drop school for financial, or similar reasons, another provision is of interest. A vet has until nine years after the end of the war to complete his education. This allows a man to straighten out his difficulties and return to school.

G.I. loans may be applied for until ten years after the end of the war. Under this provision, a graduate engineer could work for several years gaining experience and still be eligible for a business loan.

CSC Adopts Tag Days to Launch Yule Parties

Neighborhood Children To Be Feted By New IIT Service Group

Have you been tagged yet? Today and tomorrow, Tuesday and Wednesday, December 17 and 18, are tag days at IIT. The proceeds will finance two giant Christmas parties for the children of the neighborhood.

"The newly formed Community Service Committee (CSC) sponsoring these tag days, indicates both the spirit and purpose of the new campus body" stated Felix Rosenthal, chairman. This project was originally proposed by the American Veterans Committee which sought to be established as a student organization on this campus.

One of the neighborhood Christmas parties will be held in the recreation rooms at the 4th district Police Station, 454 E. 35th St., where Juvenile Delinquency Officer Wellington Martin will work with the Community Service Committee on arrangements. The other party will be held at the South Side Settlement House, 3201 S. Wabash, where IIT students will cooperate with Mrs. Ada S. McAnley, director.

Christmas favors, candy, popcorn, toys, fruit, surprise packages of gifts will be distributed to the children; games and music will be provided. Felix Rosenthal, sr. EE; Jerry Kaplan, jr. IE; Robert Riebel, soph. Psych.; Richard Brown, jr. EE; and Walter Garbalinski, sr. B&E are in charge of arrangements.

"The Christmas parties for children are only the opening ventures in a wide program of community services in the neighborhood," said Rosenthal. "Future plans include the organization of athletic programs, the procurement of gymnasium facilities, supervision of recreation, vocational guidance under the direction of Prof. H. P. Dutton, nutritional advisory services, and other services for the community in the area surrounding IIT campus." The Tag Days will supplement a fund that has already been started through the generosity of the Chicago Defender, which, through its national representative, Mr. Charles Browning, has indicated its full support of the CSC program and contributed \$100 to the Christmas party fund," said Walter Garbalinski, Sr. B&E treasurer of the newly formed committee. Every school organization has demonstrated a willingness to contribute.

Promise of full support of CSC program also has been promised by State Senator Christopher C. Wimbish, of the 2nd Illinois district and a number of local community leaders.

Dramatech to Emote With "Male Animal"

Improved conditions in the SU auditorium are expected for Dramatech's next production to be given Friday evening, January 17. Improvements in stage conditions, light towers, balcony spots, and a new switchboard are being planned by Dramatech to improve the quality of the technical details of the coming production.

James Thurber and Elliot Nugent's "The Male Animal" has been chosen for this semester's production by Dramatech. Tickets will be sixty cents each and will go on sale in the lobby of the SU immediately following the Christmas vacation.

Tau Bate Pledges 15 Men; 12 Seniors, 3 Juniors Honored

The largest pledging class to Tau Beta Pi in many years was held last Friday at the school assembly. Included in the group receiving the highest honor of the school were 12 seniors and 3 juniors.

The new pledges were called to the stage by Jim Brophy, president of Tau Beta, after he explained the method of selection of candidates to the assembled students. Men are selected on the highest of scholastic standards coupled with activities about the campus, he commented.

Of the fifteen men, seven are ME's, five are EE's, two are CE's and one is a ChE. The men, with their departments, grade point average, and activities are:

Paul S. Boggess, 7th term, EE, 2.22, Theta Xi, pres., treas. Eta Kappa Nu, Alpha Phi Omega, Dance and Concert bands; Hugh S. Christian, 7th term ME, 2.32, Pi Tau Sigma, ASME, SAE, IRE, Triangle fraternity, captain of the Rifle Team; Martin G. Gabriel, 7th term ME, 2.28, Technology News, Triangle fraternity, Pi Tau Sigma, Pi Delta Epsilon, ASME, SAE, Freshman Advisor, and editor of the IFC Handbook; William Gauthier, 6th term EE, 2.6, Eta Kappa Nu, Wrestling team, Assembly committee, and AIEE; Grant L. Hansen, 7th term EE, 2.85, Eta Kappa Nu, AIEE, IRE, and IT Vets; Louis E. Hart, 8th term ME, 2.3, Pi Tau Sigma, Delta Tau Delta, ASME, SAE, and the Curriculum Committee; James P. Hartnett, 8th term ME, 2.4, Pi Tau Sigma, Beta Omega Nu, pres. Newman Club, Ring Committee, 4A Social Chairman, Delta Tau Delta, ASME, Honor Marshal, and student assistant for the ME department; Hillard Gendrynski, 7th term ChE, 2.85, Alpha Chi Sigma, treas. AICHE, Phi Lambda Upsilon, and ASC; Seymour Lascoe, 6th term EE, 2.5, Eta Kappa Nu, AIEE, IRE, Rho Epsilon, and the bridge tournament; Burton A. Lewis, 6th term CE, 2.75, sec. Chi Epsilon, vice pres. ASCE, and intramural sports; Kenneth Mortimer, 8th term ME, 2.3, Pi Tau Sigma, sec. Pi Nu Epsilon, Glee [See TAU BETA PI on page 6]

TECHNOLOGY NEWS

An All-American Collegiate Newspaper

Member, Associated Collegiate Press

Official student publication of Illinois Institute of Technology, 1300 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 BARNHART
 Sports Editor: ED ARENDT
 News Editor: WIT KOSICKI
 Features Editor: MARTY GABRIEL

STAFF

Assistant Sports Editor: Joe Ringhofer
 Copy and Rewrite Editors: Samuel Rand, Lester Tompkins, Ed Lewis, Walter Zwiersky, Joe Coffey
 Feature Writers: William Furlong, Jack Seaman, Sherwood Hanson, Michael Werth, Tony Lomakin
 Photographers: Ralph Belke, Chuck Hatfield
 Cartoonists: Ronald Bora, Ken Meist

TYPISTS

Toni Bank, Helen Delich, Beth Kelley, Irene Barry, Jella Belich

REPORTERS

John Anderson, Jess Cahn, Louis Franko, Louis Fisher, Jerry Friedman, Sol Goldstein, Robert Guthrie, Henry Hawry W. A. Kalk, D. J. Kassar, June Lyons, James Murphy, George O'Brien, F. J. Padavic, H. J. Paikora, Paul Sample, B. A. Sheehan, Pat Vadal
 Editors Emeritus: Milica Berkart, Harry Berkart, Ramona Olson, Alan Grant, Jim Brophy
 Advisor: IIT News Bureau
 Financial Advisor: IIT Business Office

TO MEN OF GOOD WILL

Along about December 15th of each year a complex aura of good will and commercialism overtakes the American people. The source of this phenomena is commonly referred to as 'Christmas.'

At this time of year everything takes on a new, wonderful lustre. Students are happy—a two week vacation is coming up; merchants are overjoyed—business is booming; gushing young beauties are hopeful—maybe "he" will make with an engagement ring. Liquor dealers have the "old Christmas spirit" (at \$4.69 a bottle); parents are happy to see the expectant joy of their offspring; and, oh yes, there's a group over there who are joyous and benevolent, for the approaching holiday commemorates the birthday of Christ, the founder of their religion.

Whether one be Catholic, Protestant, Jew, atheist, or agnostic, Christmas has some sort of significance to each of us. Whether one views it as a pagan holiday for the renewal of old friendships or as the day of the birth of Christ, it does have a meaning for us all.

As such it appears to be a fine big holiday for everyone. But to view the wake of extravagance and hypocrisy on December 26 is appalling. There's an embittered woman fretting because the \$1.98 housedress she received from her husband did not at all compare with the \$2500 mink Mrs. Smith netted from her spouse. Others are stewing because they didn't receive a card from a person they had sent one to 'especially,' because they're broke after splurging trying to be Santa Claus to everyone, or are just plain stewed from over-imbibing in Yuletide merriment. Not quite the holiday for the strengthening of friendships or the celebrating of the birth of the founder of the faith which most of us subscribe to in America.

It's all the merchants' fault? Hardly. No one is twisting your arm to buy out the store. No, it all falls back to us who have created a veritable giant out of the once-joyous, holy spirit of Christmastide. Like so many other things today, the forces that made a thing great are now threatening to destroy it.

The salvation? Not in barring the doors of commercial establishments during December but rather by intelligence on the part of the individual. By all means show gratitude to one's loved-ones, but don't be blinded by the glittering tinsel surrounding those to whom you give presents merely for the furtherance of your own ends.

Only through the intelligent recognition and practice of the fine principles of the holiday can we hope to attain the universally desired Christmas present for all, 'Peace on earth, good will toward men.'

Woman of the Week

'Little-Joe' Nicholas Has Headed Five Student Organizations

by George O'Brien

One of the strongholds of masculinity on the campus has been broken by woman as the sparkling personality of Joan Nicholas overrides the accomplished males of IIT, and the "Man of the Week" retires before the guns of the "Woman of the Week".

"Little-Joe," as most of the students know her, has, in spite of example and opportunity, kept her feminine charm in her four years of sweat and tears with lessons, faculty and howling mob known as the student body. This remarkable fact alone would be enough to rise above the clamor of lettermen, "brethren of the lodges" of Michigan Ave. and



the school, and all-around BMOC's for this corner of the paper.

Graduating from Oak Park High-School in 1941, she went to the Lewis campus and started her studies in pre-med biology, picking up the freshman and sophomore class presidencies in addition to several other activities while there.

When the Lewis branch of IIT was closed down, and moved to the Armour campus, Joan came along with little intention of giving the engineering cave-men a hard race for honor and recognition, but in time it was evident that "Little-Joe" with her personality, flashing eyes, and femininity had done a considerable amount of good work in converting our sliderule jockeys into gentlemen.

Here at Armour she has put a surprising number of honors in her IIT scrapbook. She has been president of Medical Arts Guild, WAA, Kiva, Pan-Hellenic council, and Kappa Phi Delta sorority in addition to working on Dramatech and the Integral, and is rounding out her

last days at Illinois Tech by working on the social committee of the senior class.

When she graduates, she intends to get a job as a teacher and then in October of 1947, enter medical college to work for her doctor's degree.

Techmen Talk

by Mike Werth

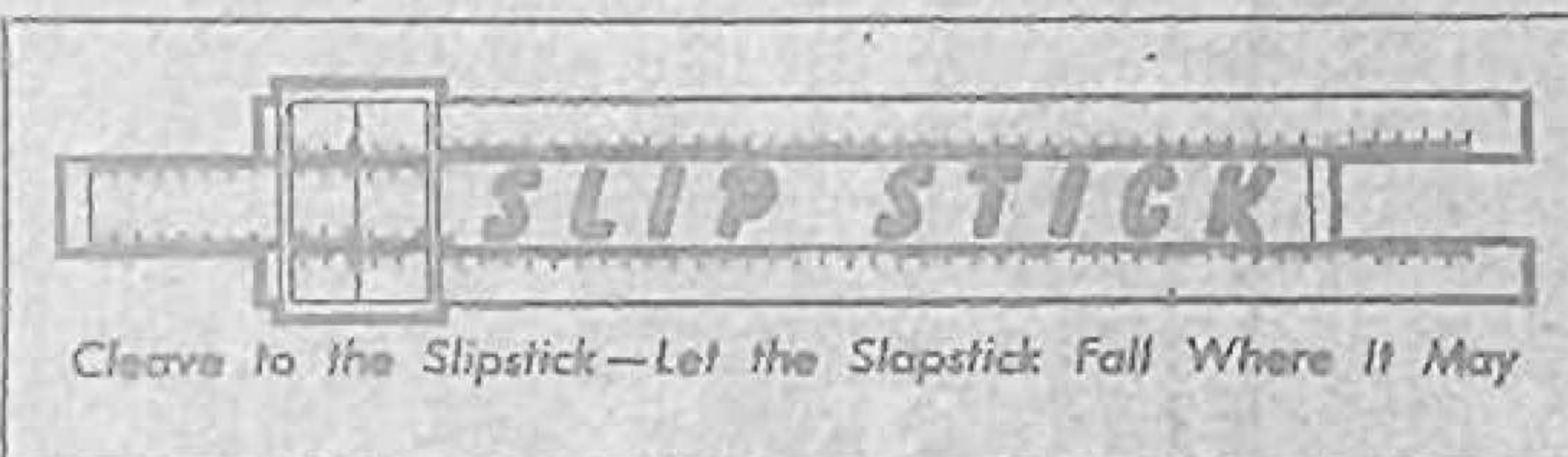
Question of the week: What do you think of the preregistration program?

Warren C. Ferguson, Soph EE:

"I am taking a straight course so it doesn't make much difference to me whether there is preregistration or not. I do hope it will save time on registration day so I won't have to spend all day again trying to get my class cards. It might also help to assure enough class room for all the courses requested."

L. F. Giegel, Senior EE:

"I think it is a good idea. They can get a more accurate account of the number of classes to be opened for each subject so I won't be out in the cold with regards to my classes as I was last time. Some classes this semester were quite a bit overcrowded. I also think it's a good idea to get to see our advisor. Maybe we can get some dope on the EE curriculum. I'd like to get their opinion on some of the courses."



Love is in bloom everywhere. The Latin demonstrates that he is the man with Roman hands: and the wolf, forever up to some monkey business, invites his latest victim to his country estate for a Scotch and sofa. Even the apes in the Zoo chant a love song: "Gorilla My Dreams I Love You." As for the small hours after midnight, they are being called the "Oui!" hours; and during them, one gal we know, who can't sleep claims to be suffering from "himsommonia."

—IT—

Two inebriated gentlemen staggered aboard a street car. One tried to give the nearest uniformed man his fare.

"Sorry, I can't take it," the man said, "I'm a Naval Officer."
 "Gee!" the first explained, "Let's get off this thing. We've gotten on a battleship."

—IT—

The man and his friend walked through the door and before their eyes was a stranger with the first man's wife. The man immediately went into the kitchen and began looking through the drawers.

The friend, thinking that he was looking for a weapon, asked, "What are you going to do?"

"I'm looking for the coffee pot," he said.

"But what about that man with your wife?"

"To heck with him. If he wants coffee, he can make his own."

—IT—

A word to the wife is sufficient—if you say "Yes."

"I'm telling you for the last time you can't kiss me."

"At last! I thought you'd never weaken."

—IT—

"Papa, what's a vacuum?"

"A vacuum's a void, son."

"I know, papa, but what's the void mean?"

—IT—

When a girl tells a fellow she's a perfect 36 he should grasp what she's talking about.

—IT—

A grave-digger, absorbed in his thoughts, dug a grave to deep that he could not get out. Came nightfall and his predicament became more and more uncomfortable. He shouted for help and at last attracted the attention of a drunk.

"Get me out of here," he shouted, "I'm cold."

The drunk looked into the grave and finally distinguished the form of the uncomfortable grave digger.

"No wonder you're cold," he said, "You haven't any dirt on you."

—IT—

A cultured woman is one who, by a mere shrug of her shoulders, can adjust her shoulder straps.

—IT—

Those who think our jokes are poor.

Would straightway change their views.

Could they compare the jokes we print

With those we did not use.

The Cultured Culture.



Products of the Steamshovel are few because the week was spent at the Three Deuces doing homework that falls due on New Years Eve. Priming, some people call it. The shovel is well oiled with a grade three, amber juice to keep it preserved for the period of inactivity. Now for the facts:

• • • • •

The reason behind that smug look on the face of Allan Winsberg has at last been revealed. He never makes a mistake. Only last week Al could be seen carrying two slide rules to his classes. When questioned about this, Al said: "I get the answers on both rules and average the results, thus eliminating the proverbial slide rule error the instructors speak of."

• • • • •

The Digger takes it upon himself to warn the unsuspecting students about Geraldine. She is only fifteen years old and in a sad shape. Bob Walsh drives her to school every day and tries to get many of the students to ride with him so that they can get out and push when Geraldine coughs and stops.

• • • • •

After a party, when the last couple was leaving, Jack Castiglia was in the lounge of the fraternity house imitating a burlesque queen going through her paces, when someone shouted, "women." With a towel still dangling from his hand, he managed a wily grin colored with the shades of a rainbow, and an uttered 'g'bye."

• • • • •

Tom Johnson has expressed doubt as to IIT being a home of engineers. His perplexity springs from the "writing on the wall" in various places. He says: "It seems that great literary talent is being wasted if all these fine composers adhere to their visions of an engineering future." Tom is trying to find one of these writers for the purpose of gathering enough data to write a book entitled 'The Public Amuser.'

• • • • •

That's the dirt. Santa Claus always reads this column to keep up with all the doings of the bad little boys and girls of IIT. Let this be a warning.

—THE DIGGER

Curtain Call

Bill Knowles

Last night I really dove head first into the culture of the dear old theatre and swam around in the melancholy waters of Hamlet. Luckily the tide—the curtain to you if you're following this metaphor—lowered after three hours and left me high and dry in the balcony, just as I was going down for the third time. Practically everyone on the stage had died and it's a mystery yet how the audience escaped the same fate. Three hours of self depreciation, evil forces, and contemplated suicide is almost enough to swamp even the heartiest in the cultural swim. Thank heaven Mr. Evens had the kindness to bail out some of the flood of words. I understand this marathon originally lasted about an hour and a half longer. But then it is not for us groundlings to derogate. For are we indeed capable of nothing but inexplicable dumb show and noise?

What I've been trying to say is that while Mr. Shakespeare's Hamlet has been justifiably rated as second to the Bible in importance and greatness as a piece of literature, as a play, even with the expert whittling of Mr. Evens, its just too darn long. One can't help wishing that Shakespeare would have taken his own advice. Even in the torrent, tempest, and as I might say, whirlwind of his passion, he should have begotten a temporal temperance that might have given the theatre seats smoothness.

Well, so much for that. I must confess that after applying Sloan's liniment apropos my recollections were that I had a very enjoyable evening at the G. I. Hamlet now playing at the Erlanger. The production you probably already know is called the "G. I." Hamlet because it was first conceived in Honolulu by the then Major Maurice Evens of Army Special Services division for presentation to the troops overseas. The play has been cut, rewritten in a more modern style, and

(See CURTAIN CALL on page 3)

DeForest Developed Responder at IIT Armour Is First School in U.S. To Be Associated With Wireless

by Sherwood Benson

"The flag pole is missing!" exclaimed Dr. Lee De Forest as he stood gazing at the Main building of IIT after an absence of 45 years. Aside from the disappearance of his favorite flag pole which had supported the first wireless telegraphy antenna in this hemisphere he seemed to think that nothing had changed since his departure from Armour in 1901.

After De Forest received his PhD in electrical engineering at Yale he came to Chicago to work for the Western Electric Company. Shortly afterward he resigned to join an embryo wireless telegraphy company in Milwaukee which later floundered when its design of transmitting and receiving apparatus proved to be impractical. He then returned to Chicago to become assistant editor of the "Western Electrician Journal."

During this time he was also working on a device to automatically detect wireless signals. Every night after work, De Forest would return to his small room on West Washington Blvd. and attempt to work out some of his ideas by gaslight. But meager equipment forced him to find some other means of developing his "responder."

In the fall of 1900, DeForest approached Professor Clarence Freeman of Armour Institute of Technology in an attempt to obtain some laboratory space for his experiments. An agreement was reached and soon afterward DeForest began working mornings as an assistant in the physics lab., while afternoons found him devoting his time to the development of his responder, using the available Armour equipment. He worked on the second floor of Main which he considered "ideally suited" for his research. A large induction coil, used to transmit the signals, was placed in the lab, while his responder was put on a mobile table. He was then able to increase the transmitter to receiver distance as the sensitivity of the responder increased by simply rolling the table down the corridor. He used a novel antenna of his own design which was attached to the flag pole. This consisted of lamp cord and wooden barrel hoops which somewhat resembled a bird cage.

During the evenings DeForest taught college algebra and trigonometry at the Lewis Institute. Reminiscing about his stay at IIT, he says he can well remember those cold winter nights and that "long ride on the 'L' to the Lewis campus.

When De Forest first came to Chicago he became good friends with Edwin H. Smythe, a young engineer working for the Western Electric Co. It was Smythe who transmitted the signals to De Forest on the roof of the La Kota Hotel, which was located at 3001 S. Michigan Ave. When De Forest heard the prearranged signals coming over his own responder he became heedless of the rain which started to pour down, for his dream of wireless telegraphy was coming true. This was the first of a series of tests made from Armour Institute that set all Chicago in an uproar. With this inspiration, Professor Clarence Freeman of the EE department began working on a transmitter to be used in conjunction with De Forest's responder.

De Forest left Armour in the spring of 1901, headed for the yacht races in New York. It was his in-



Dr. W. Lee De Forrest

vention to use his equipment including Freeman's transmitter, to report the results of these races.

Looking back on his stay at Armour Institute Dr. DeForest considers it the "foundation stone" of his career. After he left Armour his pioneering genius in electronics brought him wide acclaim throughout the world. Among the many honors bestowed upon him is an honorary degree as Doctor of Engineering awarded by Lewis Institute in 1937. His invention of the audion tube earned for him the knowledge that he was directly responsible for creating a six billion dollar industry that employs one million men.

At the present time DeForest is in charge of research development at the American Television Laboratories and is also supervising correspondence instruction at the American Television Institute. With 73 years of scientific progress behind him, Dr. Lee De Forest is not resting upon his laurels, for the doctor's work in the development of his new television projection tube is symbolic of his continued efforts to further advance the frontiers of electronics.

● CURTAIN CALL

(Continued from page 2)

costumed and set in a nondescript, non-Elizabethan manner so as to be more intelligible and acceptable to a generation some three hundred years removed from Shakespeare's time.

It is not for me to say whether this treatment is good or whether it is, as some of the critics say, a sacrilege and defamation. All that I can say is that until I actually saw the living, breathing personalities and their interaction on the stage, I could not understand nor appreciate them no matter how many times I read their lines in a book. For this understanding and appreciation, I give all thanks to Evens.

There is little need to go into a long discussion about the plot or the characters of Shakespeare. You have all probably been subjected to that in high school or in a course in Shakespeare. The main thing about this production is, as I have said before, that you can finally understand why people who should know about such things always speak in superlatives about this play. So if until now just the mention of Shakespeare or Hamlet have made you shudder with fear and abhorrence you will be pleasantly surprised at the true simplicity and beauty of the play as done by Maurice Evens.

Fraternities and Sororities

PRAETORIANS

Praetorians held a dance at the Fine Arts building after the University of Chicago basketball game. Louis Sopkin, social chairman, made all the arrangements also furnished the entertainment when he presented his interpretation of ballroom dancing. Several of the fellows even offered to act as his manager if he should want to go on the stage.

Herb Relaman, president, said that the next big party would be held on New Years Eve when the formal initiation of pledges will take place.

PHI KAPPA SIGMA

Following a chapter meeting Monday Evening, December 9, an election of officers was held at which time Bill Ponton was elected president of the chapter, and the retiring president, Bud Havlik, received the customary tubbing in ice water. Bud declined the privilege but saw things in the right light when a little force was brought to bear—about as many men as could put him there.

Most of the offices have changed hands for the coming term. Jim Stueber has been elected vice-president while George House is the treasurer for the second consecutive term. Paul Jahn has been placed in charge of the pledges (. . . Poor pledges. Two new men, Bob Gyllenswan and Morris Carlson, will be under Jahn's rule, having recently been pledged.

PI KAPPA PHI

Dean of Students Jack F. White was the featured speaker at Pi Kappa Phi annual Founder's Day banquet. The banquet, held Tuesday at the Chicago Bar Association, was a joint function of Alpha Phi chapter and the Chicago alumni chapter. Dean White spoke upon the subject of college social fraternities, especially as they exist on the IIT campus. Also on the program was Charles R. Rowe, Pi Kap district arcon who recounted the years activities of the fraternity.

On the sports scene, the Pi Kap basketball squad takes to the hardwood this week in an attempt to gather in its second win of the season. One game has been played so far, and in this the Pi Kap defeated a highly rated Alpha Sig team.

Socially, the holiday season will open with a Christmas party planned for Dec. 21, according to John Sachs, social chairman, the fraternity party "will start on its merry way at the house about 8:30 p.m." For New Year's Eve, Sachs has planned "an evening of unparalleled fun" with Pi Kaps extending invitations as far as Detroit.

DELTA TAU DELTA

Monday night was election time at the Delta Tau Delta house. A good job had been done by the nominating committee and the elections went off without any trouble. The new officers are: Frank Bagamery, president, Tom Galavan, vice president, Ed Carstens, corresponding secretary, Marshall Newcome, recording secretary, and John Baker, sergeant-at-arms.

This coming Friday will see an informal Christmas party at the Delt Shelter. Brother Galavan is in the hospital but Schooner McClain is really working on the affair.

ALPHA SIGMA PHI

The Alpha Sigma Phi Founders' Day Banquet was held in the chapter house Tuesday, December 10, for the first time in the history of Alpha Xi chapter. In years prior, the anniversary celebrations were held in loop hotels. However the chapter felt that the national officers, who were guests at the celebration, should see the house and enjoy its privileges.

(See FRATERNITIES, Sororities on page 5)



Christmas usually brings out the best in everyone. The most beautiful works of music and inspired writings of literature form the very structure of the institutions associated with the yule season. Handel's "Messiah," Tschalkowsky's "Nutcracker Suite" Berlin's "White Christmas," and the multitude of Christmas carols all provoke heartwarming sensations truly in keeping with the yuletide spirit.

Literature too has played an important role in the formation of Christmas as we know it today. Fully realizing the influence of the writers in instilling the Christmas spirit in the hearts of men, Dr. Edward Wagenknecht, distinguished anthologist and member of the faculty, has brought together a collection of Christmas stories which is destined to become a perennial favorite of the nation's reading public. A Book-of-the-Month-Club selection, "The Fireside Book of Christmas Stories" sold over half a million copies in its first season (1945). It is a group of stories rich with the traditions of holly, Christmas trees, St. Nicholas, Dickens, and the Birth of Christ. Many of your favorite authors, stories, and memories can be found between the covers of this thoroughly entertaining book.

The first section of the collection, which is essentially religious, is devoted to "Christmas is Christ." Here is the essence of the real Christmas. The beauty of these writings as adapted from the scriptures of Saint Matthew and Saint Luke combine with other writings of the Birth of Christ to form a splendid combination of what is, after all, the very foundation of Christmas.

The second section of the volume is entitled "Christmas is Santa Claus." It appropriately enough be-

gins with "How Come Christmas!" and "A Visit From St. Nicholas." (Which we all remember from our childhood days). Here is presented to the adult reader the many memories, associations, and traditions which played so important a role in the development of the fine old character of St. Nick.

Of course Christmas is wrought with the inseparable bonds of Dickens. His tales of joyfulness, holly, good will, plum pudding, and merriness, typify the spirit of the third section entitled "Christmas is Dickens." Also included in this section are two excellent stories by Daphne duMaurier and T. F. Powys on the Birth of Christ as it might occur today.

"Christmas is Home" provides the theme for the last group of stories. In contrast with the preceding English writings, the fourth section is devoted entirely to distinctly American stories. Here is the spirit of Christmas as it actually exists today. It combines the spirit of giving, the mistletoe, the "White Christmas," in fact all the traditions of the yuletide season which are so typically American.

So if you've been away for the past couple of Christmases and want to brush up on the spirit of things, here is a book that will provide everything that Christmas has to offer. It's a book you can take out and browse through year after year during the yule season. It's a treasured gift and a splendid volume for any bookshelf.



(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.)

Open Letter to Mr. W. J. Parduhn:

Upon reading of your noble comments on the parking situation in *Technology News*, I became so irked and disgusted that I thought it was about time someone opened your eyes. You say there is ample parking space for everyone. Ha, have you seen what your three pet parking lots look like around 9 or 10 A.M.??? Better yet, you try to park a car in one of those lots at the time mentioned!! As your car goes bounding crazily along, don't forget "the lots have been graded by the Institute." I feel sure I am expressing the thoughts of many others at school when I say that the parking situation is deplorable, and at the same time inexcusable!!!!

H. COOPER

VARSITY FOOTBALL

The generally acknowledged basis of school spirit is student participation and attendance in extra-curricular activities — particularly athletics. I'll tell you right now that I'm pleading for a football team. Yes, I'll agree that basketball at this school hasn't drawn the crowds which it deserves, and some argue that football will get about the same attention. The pessimists say that football will get the brush-off here, where even the greatest crowd-drawer in the country gets the cold shoulder. But the prime reason that basketball can show a larger total in attendance is simply because more games can be played in a season. This is not a true sign that basketball is more popular than football. And to attest to the opposite—has there ever been a

basketball game for which people were willing to pay five hundred dollars for a single seat?

Even engineers do have enough time to give two hours an afternoon for practice. Georgia Tech brings out fine teams year after year, and no complaints are heard from there.

To have a varsity football team would put Illinois Tech on the map and increase funds for improving already existent activities. Football pays for itself and then some. So vote "yes" if a poll comes your way, and you'll be helping yourself, your fellow student, and your school.

DON KASMAR

CAFETERIA PRICES

I admit cafeteria prices affect me very little since I carry my lunch to school but yesterday I was charged 12c (not 6c) for one scoop of ice cream.

I know that recently I have been buying huge cups of ice cream, containing 3 to 4 scoops for 11c at the International House, which caters to the general public and does not profess to be non-profit. I know that at the neighborhood grocer (not a chain store) I buy milk for 21c a quart, just three cents more than they charge here for a pint.

HANS H. NORD

Illinois Tech Relays to be Held After Three Year Lapse

Tech to Play Host to Top Middle West Universities and Colleges in U of C Fieldhouse

Athletic Director John J. Schommer announced last Friday that the Illinois Tech Relay Games, the largest indoor collegiate track meet in the nation in 1943, the last year of its running, will be revived next March 15 at the University of Chicago Fieldhouse after a three year lapse.

Defending champions in both the college and university divisions have already signified their intention of defending the titles which they won in 1943, Schommer said.

Notre Dame University, which won easily over a record breaking university entry that included Illinois, Michigan, Indiana, Purdue, Wisconsin, Northwestern, Michigan State, Marquette, Missouri and Chicago, will enter a full squad again next spring.

The college champions, Michigan State Normal, of Ypsilanti, which won its fourth Tech Relays crown in 1943 over a field of 24 midwestern colleges, will also be on hand to defend their title.

During its fifteen years of existence, the Illinois Tech Relays have attracted nearly 5500 athletes and more than 440 teams. A total of 81 different schools, including 19 universities and 62 colleges, have competed in the event.

One of the best known and most widely adopted innovations of the meet has been its policy of offering separate competition and individual championships for college and university entrants. This feature, introduced by Schommer in 1935, serves

to provide keen competition between schools of comparable size, and eliminates the killing competition of an open meet.

Known as the Armour Tech Relay Games prior to 1941, the relays grew out of a triangular meet with Northwestern University and the University of Chicago in 1923. The following year, Schommer and A. A. "Lonnie" Stagg, Jr., then Techhawk track coach, conceived the idea of turning it into an annual invitational meet designed particularly for colleges and universities throughout the middle west.

In 1929 a total of eight colleges participated in the first meet. The event grew gradually until 1942, when 421 athletes, representing 12 universities and 24 colleges, competed for individual and team honors to establish the Illinois Tech Relay Games as the largest indoor collegiate meet in the nation.

Despite the tremendous success of the 1943 games, Schommer was forced to cancel the sixteenth running of the meet the following spring due to the loss of a "home," inasmuch as the University of Chicago Fieldhouse was devoted entirely to service training programs, and to wartime transportation difficulties.

In announcing the revival of the meet, Schommer also stated that the program will include special events for junior college, Chicago city high school, and Chicago Catholic high school relay teams.

Three Prophets Collect Smokes in Basketball Score Prediction Race

By turning in predicted scores which were very close to actual game scores of the Illinois Tech basketball squad in their past three encounters, a trio of students have been awarded two cartons of cigarettes apiece. The "Pick the Winner" contest, sponsored by *Technology News* offers the student a chance to win two cartons of Chesterfield cigarettes by selecting the winner and the score of the contest.

Dave Hoffman won the first contest which matched Illinois Tech and Loyola. Hoffman's predicted 68-43 score in favor of Loyola bested the field of entries in Tech's opening 84-40 loss.

In the George Williams College game, Carl Bergstrom gave the nod to the GW crew with a 45-42 prediction. Tech dropped the encounter by a 49-39 margin. Bergstrom's contest winning margin was very close and was garnered only after it was found that his predicted total of points scored was only one short of the actual.

Any student on the campus may enter this contest by selecting the winner, each team's score and the total number of points scored. This information along with his name should be written on a piece of paper and dropped in the intramural box in the lobby of the Student Union. Only one entry per student will be accepted and they must be in the intramural box 24 hours before game time.

Techawks Set New Scoring Record in Season's First Win

Smart Paces-Scarlet and Gray Victory Over CTC; Techmen to Meet Concordia Next

Illinois Tech won its first game of the 1946-47 basketball season last Friday night when they swamped Chicago Teachers College by 88-66. The initial win in four starts found every man of the starting five displaying the speed and headiness which won

them starting berths on other Scarlet and Gray quintets in the past.

Led by Bill Smart who claimed individual scoring honors for the evening, the Techawks waited for five minutes of the second half to slip by before unleashing their attack which netted them a new game scoring record in addition to the victory. Smart totaled 23 points, garnering 11 field goals and one free shot. Crowding the speedy forward in his role as high point man were Glenn Neiswander and Ray Murphy who each collected 18 points and Jim Oldshue who contributed 16 tallies.

The Teachers managed to play the Techmen on even terms during the first half with the Techawks leading 37-36 at the intermission. Then the Scarlet and Gray began their second half drive by literally running the CTC crew into the floor. Tech's strategy of refusing to call a time out paid off large dividends and is expected to aid the Techmen in their future games.

Tech Meets Concordia

Tomorrow night, the Techawks will renew their rivalry with Concordia College of River Forest. The

game will be played on Illinois Tech's home floor, the Valentine's Boys Club, and is slated to begin at 5:30 p.m.

Last year Concordia dealt the Tech five one of their four defeats. The River Forest aggregation outlasted the Techawks on their home court, taking the battle by a one point margin. The Techmen avenged the defeat however by trouncing the Cougars on their hardwood before a large group of Concordia alumni.

Last night the Scarlet and Gray met the Lake Forest College quintet at the Valentine gymnasium. Results of the game were not available at the time this was written although the Techawks were favored with a 15 point advantage before game time.

Illinois Tech			CTC		
Name	fg	ft	Name	fg	ft
Neiswander	8	2	Tracy	8	5
Cohn	1	0	Excell	6	0
Carlson	0	0	McGraw	8	2
Smart	11	1	Taylor	1	0
Swanson	0	0	Dillon	1	0
Fleck	0	0	McLaughlin	2	0
Oldshue	6	4	Salario	5	2
Behrens	1	0	Tademan	1	0
Murphy	7	4	Gray	2	1
O'Geary	0	0			
Dalley	0	0			
Grable	3	3			
Melek	0	0			
Schimmerling	0	0			
				28	10
				87	14

Deadline Friday For IM Entries

Three intramural tournaments will be offered to the students upon their return to school after the Christmas holidays. Entries are now being accepted for the basketball, ping pong and bowling tournaments with the deadline set for Friday, December 20. This will allow competition to get under way immediately upon resumption of school January 6.

Rosters of the basketball teams must include the names of eight players with one of the men selected as captain. Teams must be made up of students in the same department and scholastic year. This restriction was imposed since it became apparent that one or two teams would possess all the talent while others would be of mediocre strength.

Each basketball team entered in the tournament will be called upon from time to time to supply men to act as officials during intramural games. Thus three teams will be scheduled for each game, with the third team being responsible to furnish the whistlemen.

Individual medals will be awarded to the winning team in the tournament.

The intramural ping pong tournament will offer competition in both the singles and doubles events. Any student may enter either the singles or doubles play, and each entry must indicate the division of competition. As in the case of other intramural tournaments, sterling silver medals will be awarded to the victors in both singles and doubles.

Five men will make up a team in the intramural bowling tournament although official entries must include the name of an alternate who may substitute in the event of a regular's absence. The tournament will be a round robin with matched teams selecting the time and place for their scheduled roll-offs.

Handicaps will be worked out from the results of an initial practice ses-

Triangle, Daedalians Win in IF Tourney

Triangle nosed out Phi Kappa Sigma 26-20 last Monday night in the gymnasium. Joe Melek's Triangle team led all the way but saw their 9-0 half time lead whittled to four points in the last few minutes. The first half was extremely slow with eight minutes going by before Ken Turner broke up the scoreless tie with an under-the-basket shot. The Phi Kaps led by Homer Deakman rallied to score twenty points in the second half but not enough to overcome their halftime deficit. Deakman sank five field goals and two free throws for twelve points. Ken Turner was high point man for Triangle with eight.

In the second game of the week the Daedalians trounced the Praetorians 34-22. Led by Stuart and Komen, the Daedalians started off to a lead that was never threatened throughout the game. Stuart was high point man for the evening with seven field goals and one charity toss. Quateman was high scorer for the losers with twelve points.

Ken Thompson, IF sports manager, has stated that "official's time" will be observed in all future IF basketball games. This rule stops the clock during the last three minutes of play in the game every time the referee blows his whistle until the ball is again put in play. Any of the timekeepers who are in doubt on the timing during this period should see him.

December 19-7:00-Phi Kappa Phi vs. Daedalians. Officials: Praetorians, Phi Kaps. 8:15-Praetorians vs. Phi Kappa Sigma. Officials: Triangle, Theta Xi.

This handicap will apply to the following week's competition. As an individual's handicap is subject to change from week to week of bowling a new one will be computed from the preceding week's results. Medals will be given to the five men of the winning team. (See DEADLINE FRIDAY on page 6)



Open Minds -for open Country

TELEPHONE men are hard at work extending and improving telephone service in rural areas served by the Bell Companies. They're pushing a \$100,000,000 three to five year program to give telephone service to all who want it just as fast as possible.

To do this they had to look beyond conventional telephone practices. New techniques and new and improved equipment had to be planned, developed and

proved. Now they are furnishing telephone service over rural power lines, over new steel wire that requires fewer poles per mile, over insulated wire that can be buried directly in the ground and by means of rural radio.

Men who approach every problem with open minds... who are guided by ingenuity and resourcefulness rather than by established method... find telephony an ever stimulating and interesting career.

There's Opportunity and Adventure in Telephony

BELL TELEPHONE SYSTEM



IEs Initiate Two to Bring Department Honorary to IIT

The formation of a student chapter at IIT of Sigma Iota Epsilon, the national professional and honorary industrial engineering fraternity, became a reality last Saturday, Dec. 14. Kenneth Eaton and Arnold Mullen were formally initiated into the fraternity by Professor H. P. Dutton, faculty sponsor and honorary member. The ceremony took place in the east dining room of the cafeteria.

Founded in 1928 by the merger of three local management fraternities, Sigma Iota Epsilon now has chapters at the University of Illinois, Syracuse University, University of Texas, and Northwestern University as well as at IIT. Membership is open under certain scholastic conditions to both undergraduate and graduate students in the field of management, registered in a college of engineering or in a college of commerce.

Sigma Iota Epsilon seeks to arouse and foster a greater interest in industrial engineering and in management, to study and promote the development of science in management, to provide a suitable recognition of scholastic achievement in this field, and to attract to business and manufacturing enterprises a greater number of outstanding men. In addition, the fraternity strives to provide a medium of extra-curricular educational work and also to make possible closer contacts between interested and capable students, business and industrial executives, and faculty leaders.

Classes to Hold Reunion

Former members of the classes of 1943 and 1944 are invited to attend a Holiday Reunion Dance to be held at the Furniture Club Friday, Dec. 27. Tickets for the dance may be bought from Dan O'Connell, W. Gow, or P. Huguelet in Sonny Weisman's office. The price of the tickets is \$3.50 per couple.

FRATERNITIES, Sororities

(Continued from page 3)

Highlight of the evening was a talk by Dr. Wilbur H. Cramblet, Grand Senior President of Alpha Sigma Phi fraternity and president of Bethany College, Bethany, West Virginia. He spoke of the increasing importance of colleges in the world of today and of the many services rendered by the college fraternities.

Another significant event within the past week was the "open house," Friday night sponsored by the Mothers' Club. Mothers, fathers, and alumni were guests in the house. The event was an informal acquaintance get-together and was well attended. Refreshments were served.

TRIANGLE

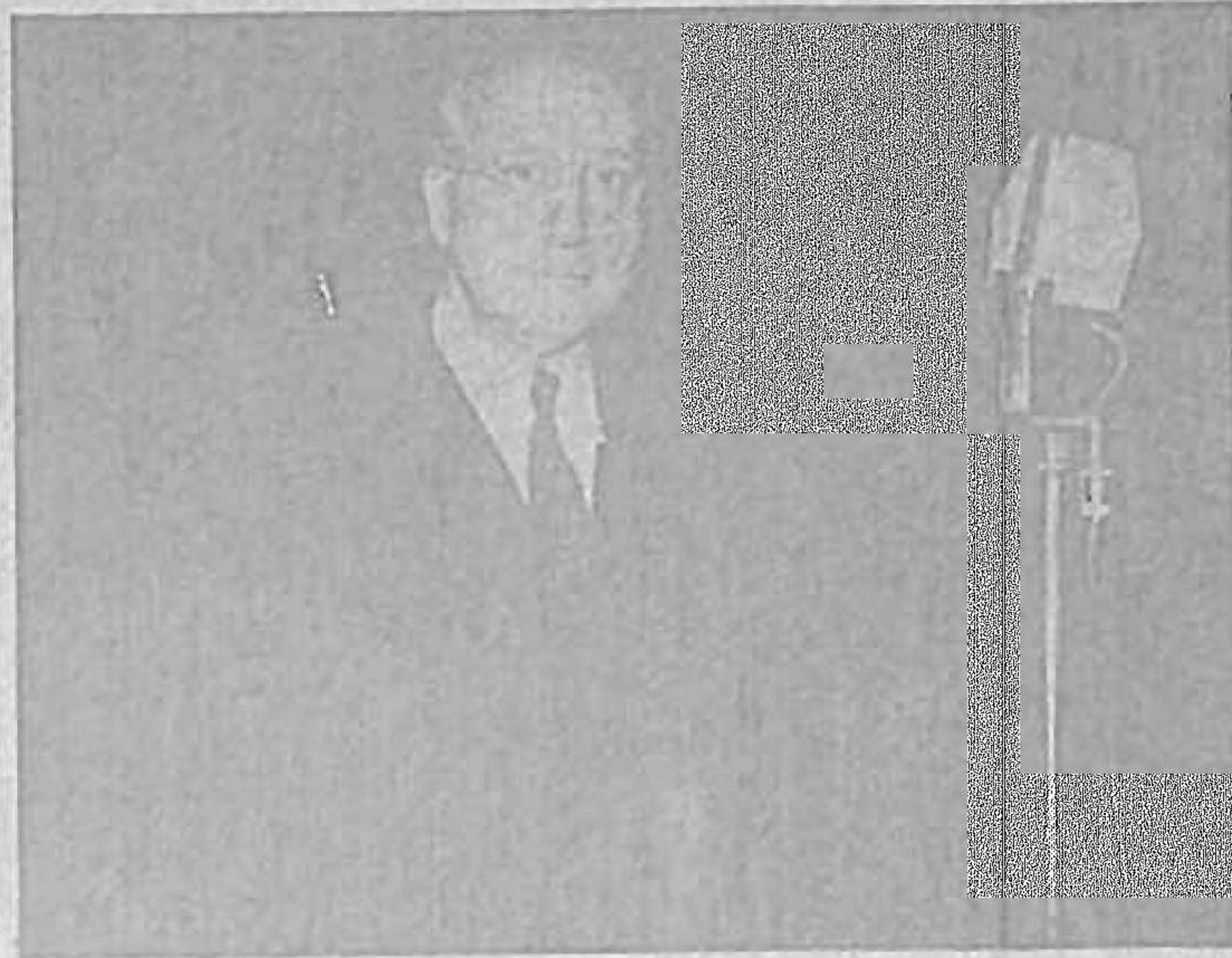
Last Wednesday's Triangle meeting was highlighted by a joint meeting of the active and alumni chapters. The meeting was further supplemented by liquid lunch and a hearty songfest afterwards.

The appointment of Edward Puchalski, ME '43; John Volakakis, CE '43; and Ernest Willis, FPE '28 to the Alumni board of directors was announced at the meeting. Volakakis was subsequently elected president of the group.

A New Year's Eve party will be held at the house; Marty Gabriel, chairman of the affair, has urged all members to come and make merry and see the New Year in.

A towel shower was held by the Mother's Club last Wednesday. A large quantity of bath towels was presented to the house as a Christmas gift from the club. Proceeds from the Mother's Club card party will soon be applied to the purchase of additional equipment for the kitchen.

Discusses Registration Law



ENGINEER—Professor H. E. Babbitt, of the University of Illinois, who outlined the provisions of the Illinois Engineers' Registration Law at all-school assembly last Friday.

Insurance Deadline Set

G.I. insurance which has lapsed more than six months must be reinstated by February 1, 1947, according to F. I. Hand, veteran ad-

visor. Insurance issued prior to January 1, 1946 must be converted within eight years of date of issue, insurance issued subsequent to January 1, 1946 must be converted within five years of date of issue.

Prof. H. E. Babbitt Discusses Application And Effects of Engineers' Licensing Law

"Passed July 20, 1946, the Illinois act provides a one year period to allow those engaged in engineering work at the time the act passed to obtain their licenses without taking an examination," stated Professor H. E. Babbitt, co-sponsor of the Illinois

Engineer License Act at the all-school assembly last Friday. "Another section of the act," he continued, "provides that men serving in the armed forces at the time the act became law and who had been engaged in engineering work prior to their induction may obtain their licenses within one year after their discharge without taking an examination."

"All men not covered by these sections must take a state examination after four years of experience under a licensed engineer to obtain their license. The test covers the knowledge that should have been gained during those four years. Men who do not have degrees must have an additional four years experience and take a second test covering subjects required for graduation from a recognized engineering institution.

In a question period after the talk Professor Babbitt stated that former radio technicians in the Navy

could apply the time they were rated as RTs to the four years of experience required. He also stated that work before graduation, as in the co-operative courses, would also be counted. Only one year of graduate work may be counted as experience for the purpose of the law. In plants where there are a number of engineers working together, he pointed out, only the chief engineer need be licensed.

A professor of Sanitary Engineering at the University of Illinois, Babbitt is the secretary-treasurer of the Illinois Society of Professional Engineers, a member of the ASCE and vice president and member of the legislation committee of the Illinois Engineers Council. It is this latter group that was largely responsible for the passage of the License Act. His talk here was arranged by the student branch of the ASCE.

The Flavor's All Yours

when you smoke
PHILIP MORRIS

CLEAN, FRESH, PURE
America's FINEST Cigarette!

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

That's why *the flavor's ALL yours* when you smoke PHILIP MORRIS! That's why PHILIP MORRIS taste better—*smoke better—all day long!*

No wonder that with millions of smokers everywhere, PHILIP MORRIS is *America's FINEST Cigarette!*

CALL FOR

PHILIP MORRIS

ALWAYS BETTER—BETTER ALL WAYS

No other cigarette can make this statement!

Of all the leading cigarettes, PHILIP MORRIS is the only cigarette with an exclusive difference in manufacture—recognized by eminent medical authorities as being to the advantage of those who smoke!

Retallata to Talk on Jet Fighter Planes at ASME Meeting Thursday

Dr. John T. Retallata, director of the mechanical engineering department, will address the student branch of the American Society of Mechanical Engineers Thursday evening at 7 p.m. The talk, entitled "Jet Propulsion," will be given in 105 Alumni Hall instead of the auditorium as previously announced. Refreshments will be served after the talk, Robert Boyar, president, announced.

American, British, and German jet propelled fighter planes will be analyzed by Dr. Retallata, along with an outline of the possible applications of jet propulsion in the future. Dr. Retallata was formerly manager of the research and gas turbine development division of the Allis-Chalmers steam turbine department.

ASME membership cards have arrived and will be distributed at the meeting, said Boyar. He also has announced that the December issue of "Mechanical Engineering" is scheduled to arrive after the Christmas holidays. The magazine will be distributed to subscribers at school instead of being mailed to their homes as in the past. Notice will be posted on the bulletin boards in Main when the magazines are available.

TRADITIONAL Christmas

(Continued from page 1)
old hymn "Oh Come All Ye Faithful." In contrast to this the orchestra will offer the "Christmas Overture" which is a bright, sparkling number that brings in old English carols collected by Coleridge-Taylor.

Near the close of the program the Glee Club will sing the "Sleigh," a rapid-fire composition depicting the Russian spirit of the holiday season. Charles Kolar, who has played with the Manila Symphony Orchestra under the direction of Dr. Herbert Zipper, will offer a trumpet solo. Kolar had the opportunity to play with this Philippine group while on detached service in the army.

A large Christmas tree will be located in the center of the auditorium and will be decorated by the secretaries of IIT. Pine needles and cones will also be included in the decorations.

TAU BETA PI

(Continued from page 1)
Club, ASME, and the Announcement Committee chairman; Roy V. Norrlander, 7th term ME, 2.3, sec. Pi Tau Sigma, ASME, pres. Triangle fraternity, Glee Club, Band, and Honor Marshal; Felix Rosenthal, 7th term EE, 2.55, Pi Tau Sigma, Integral, Armour Eye, Math Club, ASME, Eta Kappa Nu, Honor Marshal, and chairman Community Service Committee; Ernst J. Vlad, 7th term CE, 2.8, ASCE, IIT scholarship; Hans H. Wenzel, 8th term ME, 2.47, Pi Tau Sigma, SAE organizing chairman, ASME, IIT Vets, and Board of Governors, Stelmets High School Alumni.

DEADLINE FRIDAY

(Continued from page 4)
Awards will also be given to the individual rolling the high game and high series.

The Senior Mechs have been named winners of the intramural touchball tournament by virtue of their 13-0 win over the Sr. F.O.'s. It was decided to forego a play-off between the two teams since each squad included men who were competing on varsity squads. Any injury sustained by these men in intramural competition would automatically disqualify them from participating on the varsity squads. The Mechs finished an undefeated season while the F.O.'s lost only to the Mechs as was mentioned before.

Members of the champion Sr. Mechs who will receive medals are Swanson, McDonald, O'Connell, Sullivan, Howe, McDonough, Ehrhart, Rinne, Smart, and Andrews.

Force Requests Reports Of Attempted Thefts

Any attempted thefts or malicious mischief to automobiles parked in the campus area or on streets adjacent to the campus should be reported immediately and in detail to Gilbert A. Force, Business Manager, Room 208 Main. By report-

ing such incidents immediately, the Institute can check on the protection being rendered and can assign men to areas where these occurrences take place most frequently. In this way the Institute can keep such incidents to a minimum. This entire area is policed not only by the Institute's men but also by the city police.

Senior Payments Asked

Seniors who have ordered graduation announcements and invitations are asked to pay for them as soon as possible. Payments are to be made to Ken Mortimer, chairman of the committee.

The Registrar's Office needs copies of the following bulletins, IIT 1945-46 and IIT (Lewis division) 1941-42. Reserve supplies have been exhausted and students are requested to turn in any spare bulletins they might have.

TRIPLE SMOKING PLEASURE

Osa Massen
CURRENTLY STARRING IN
"STRANGE JOURNEY"
a Sol M. Wurtzel Production
Released By 20th Century-Fox

A ALWAYS Milder

B BETTER TASTING

C COOLER SMOKING

— That's it, Osa

CHESTERFIELDS STACK UP RIGHT WITH THE ABC'S OF SMOKING PLEASURE

ALWAYS BUY CHESTERFIELD ALL OVER AMERICA - CHESTERFIELD IS TOP!