

THE PROBLEM OF class dues was presented by Tom Ruck at the last meeting of the ITSA. This problem, supposedly solved several semesters ago when the class dues were cancelled, is again arising.

According to Ruck, much of the lack of class spirit can be blamed on the fact that some of the classes do not have sufficient funds. A notable example of this is the sophomore class, which has had to remain inactive for that reason.

Although I don't believe the apparent lack of class spirit can be blamed entirely on this situation, however, maintaining a treasury would encourage more active participation by students. Class groups would be then encouraged to plan these various functions, knowing that they had adequate funds to back them up. Under the present system, on the other hand, groups are afraid to have a social function for fear that they might lose some money on the proposition.

Of course, there is always the argument that having money available does not guarantee having more class functions. In the past some classes have accumulated large treasuries because they never held enough functions. If class dues are started again, some action must be taken to prevent money from accumulating in the future.

The school administration is agreeable to adding another dollar to the tuition expense each semester to pay for this added student expense. However this amount could only be collected from the civilians as a regular tuition expense. The navy students could not be forced to pay it. Some other arrangement would have to be made to get money to pay for the dues of the V-12 students. It has been suggested that this money be taken out of the ITSA reserve.

This is a very important problem for the student to decide. It means paying out money during registration with the possibility of increased class functions; or continuing the present setup with no immediate hope of increased class spirit and activity.

Interested students should express their opinions to the members of the ITSA committee in charge of the problem or by personally attending the next meeting of the organization.

EE Conference Attracts 2500

The first National Electronics Conference was held last Thursday, Friday and Saturday.

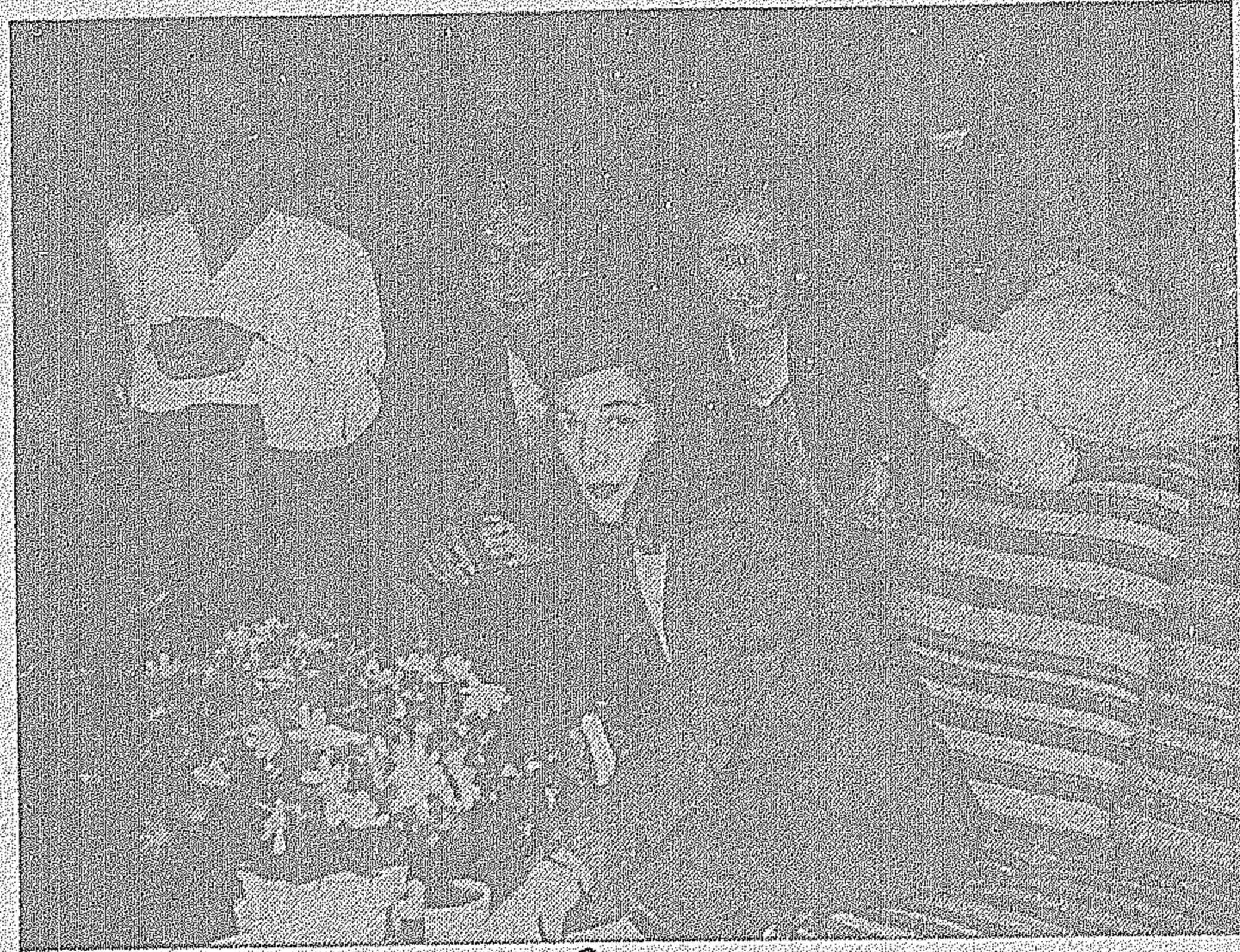
Sponsored by Illinois Tech, the Chicago sections of the Institute of Radio Engineers, the American Institute of Electrical Engineers, and Northwestern University.

The aims of the conference, which was held at the Medinah Club, were to provide: forums for the review and correlation of recent progress in the field; interchange of ideas, methods of approach and techniques, between scientists, electronic engineers, and others working in different fields of application; surveys of current applications of electronics in the industrial and communication fields, pointing to future developments and applications; and for technical meetings for the presentation of original papers covering fundamental developments in electronics and the applications of electronic apparatus.

The conference was needed because of the rapid and divergent growth of electronics. Specialists in one field of electronics are no longer able to follow in detail the work of their colleagues in other fields.

All senior electrical engineering students at Illinois Tech were invited to attend the conference. Aside from the technical discussions, there were luncheons and a banquet, which had been included in the registration fee.

Secretaries' Lounge



ATTENDING TEA—IIT secretaries are shown attending the tea at the recent opening of the secretaries' lounge on the south campus.

Research Foundation to Make Technological Survey of Mexico

The Banco de Mexico has requested the Armour Research Foundation to make an intensive technological survey of the resources and development of Mexico. This has just been announced by Harold Vagtborg, director of the Foundation.

The study will be headed by Dr. Francis Godwin, assistant director of the Foundation. Godwin was in charge of a similar project made in Argentina in 1942, in the interests of more balanced trade relationships and increased technology in South American industries.

Field work will start early in November and the headquarters will be established in Mexico City. In addition to the field staff sent to Mexico, much of the research will also be done in the laboratories of the ARF in Chicago. Plans at present call for a number of Mexican scientists to be brought to Chicago to learn the latest research methods in order that they may further augment Mexican technology in starting new projects after their return to Mexico.

The director general of the Mexican bank, Dr. Eduardo Villasenor, requested the ARF to undertake the project. It grew out of conversations between Vagtborg, Maurice Holland, New York advisor to the Foundation and formerly with the National Research Council, and Mexican and United States officials.

The purpose of this investigation will be to audit the existing and potential opportunities of Mexican industry. Special attention will be placed on hides, leather, solid fuels and by-products, fibers and their industrialization and all types of forest products as well as other industries. (See RESEARCH on Page 5)

Freshmen Elect 2 New Class Officers

Walter Koehler was elected ITSA Representative and Art Alterman was elected social commissioner at the meeting of the freshman class last Wednesday. They replace William Killingbeck, former ITSA Representative, who has been ill for the past 6 weeks and Sol Renella, former social commissioner, who is now in the navy.

Tentative plans for the forthcoming dance were discussed. The dance will probably be held in the O Henry Ballroom, according to the social committee. However, the date of the dance will be October 28.

The class will meet this Friday at 11:10 in 202M, where final plans for the dance will be decided upon.

"Phinal Phling" Sales Continue

Tickets to the forthcoming "Phinal Phling" will continue to be sold in the Student lobby all this week and will probably be sold at the door, according to A/S George Schober, chairman of the ASSC. They sell for \$1.

The dance will be Saturday evening and will begin at 9 p.m. and last until midnight. Russ Bothie and his charming vocalist Dorothy Paul will furnish the music for the occasion.

Russ Bothie's 10 piece band is a veteran Chicagoand organization. Among its former engagements are extended stays at the Marigold Ballroom and the Green Mill Ballroom.

The affair will be in the south campus auditorium. Extra police protection will be secured, stated Schober.

This will be the last All-School Social Committee function until next term. The last function was the Integral Dance held at the Medinah Club.

Said Schober, "With the cooperation of the student body, there is no reason why this dance cannot be as much a social success as the Integral Ball."

Faculty Will Honor Retiring Teachers

The Armour Faculty Club will entertain four retiring professors at an informal Wednesday at 7 p.m. The guests of honor are to be Robert B. Perry, Ernest H. Freeman, David P. Moreton, and Arthur H. Carpenter. Together the four men have served a total of 143 years at IIT.

Perry is the only remaining charter member of the Armour Faculty Club. He was also a member of the Armour graduating class in 1897, starting his teaching career here in 1902.

Freeman has been on the teaching staff since 1905, Moreton since 1906, and Carpenter since 1920. Walter Hendricks, president of the club, made the arrangements for the affair.

Moreton, formerly a professor of electrical engineering, became a professor emeritus in 1942.

Commencement Tickets Can Be Obtained Starting Wednesday

Tickets for commencement will be made available starting this Wednesday. Graduating seniors may secure them at the cashier's office on the Armour or Lewis campuses. Six tickets will be the quota for each graduate.

Prof. Charles Nash, Institute marshal, requests that individuals who will not have guests for all the assigned tickets take only those which will be used. Admission will be by ticket only.

IIT Gets Award On Wednesday

Illinois Tech will receive the Ordinance Distinguished Service Award this Wednesday at a general assembly.

All students and faculty are expected to attend the ceremony which is one of the first times such an honor has been paid to a private institution in the country. It is the first time a mid-western college has received the award.

Brigadier General Donald Armstrong, commandant of the Army Industrial College, will make the presentation. Other speakers will be Mayor Edward J. Kelly, John I. Yellott, chairman of the War Training Committee, and President Henry T. Heald. The program will be conducted by James C. Cunningham, chairman of the Board of Trustees.

Musical Prelude... Illinois Institute of Technology Band
O. Gordon Erickson, Director
Chairman... James C. Cunningham, President, Board of Trustees

"AMERICA" Band
Remarks John I. Yellott
Chairman, War Training Committee and Director, Institute of Gas Technology.

Remarks... Mayor Edward J. Kelly
Presentation of Award... Brigadier General Donald Armstrong, Commandant, Army Industrial College
Acceptance of Award... President Henry T. Heald
"STAR SPANGLED BANNER" Band

ducted by James C. Cunningham, chairman of the Board of Trustees.

The program will begin at 11 o'clock Wednesday morning with a musical prelude by the Illinois Tech band. Two other selections will also be played.

The Institute has merited the award for its outstanding record in training workers through the ESMWT program, signal corps schools, and various other war training programs.

According to Dean James C. Peebles the ESMWT program here has been the largest in any privately endowed college in the United States, and the over-all number of people trained in all programs is second only to the number trained at Penn State College.

Senior Farewell Is Enlivened by Games

The traditional senior farewell last Saturday night proved to be a howling success as shown by the enthusiasm of those who attended.

According to Henry Koci, the planned entertainment included a truth and consequence game. A few of the consequences were: to pick up a girl on the street and bring her up to the dance where she would be given a corsage; and to run about the room with a broom as a gun, hunting a rabbit.

President Henry T. Heald and Dean Charles A. Tibbals were guests along with Professors Charles O. Harris, Roland Budenholzer, and Walter Hendricks.

The dancing was to the music of Lew Diamond and his band in the Tally Ho room of the Medinah Club.

Some additional tickets will be available, and to accommodate those requiring them a second distribution will be made on Monday, October 23. On the following Tuesday and Wednesday, all uncalled tickets will be distributed on request. Tickets for members of the faculty will also be distributed at the cashiers' offices.

Each graduating student will receive a ticket marked "Participant", which will admit him to the preparation rooms backstage in the basement of the Rosenwald Museum, site of the ceremony.

According to Nash, additional information will be mailed to each student and faculty member giving the final directions.

As formerly announced, the commencement exercises will be held Wednesday, October 25 in the main auditorium of the Museum of Science and Industry.

Adequate parking space will be available on the drive north of the museum or in the open space south of the west end of the building. The doors will open for the admission of guests at 7 p.m.

This is the first time in recent years that the baccalaureate and graduation ceremonies have been combined into one affair.

Dr. Ruopp, chaplain of the Institute, has been the chief speaker at recent baccalaureates. This term, due to the fact that the Central Church has moved to a new location and also because of the increased number of graduates in a year, it has been found necessary to eliminate the separate baccalaureate and hold a combined ceremony.

ARF Reports Huge Budget

The Armour Research Foundation had a larger appropriation than any other institution of its kind in the United States for the last fiscal year. The details of this and the remainder of the ARF annual report will be presented tonight to the board of trustees by Harold Vagtborg.

The appropriations of the ARF totaled \$1,668,345. This research exceeds even that of Mellon Institute, the oldest institution for industrial research. The Mellon Institute had appropriations amounting to \$1,652,539.

The Foundation has had 117 long term projects in operation in the last year. Due to the war, seven projects have been abandoned because they did not relate to the war effort.

In the past year the ARF has taken on 55 new major projects. At the same time in the past year they have worked out 701 short term projects and studies. Concerning the major projects: 30 of them have been completed, 24 carried over from the previous year and six new ones have been started.

Since the ARF began, it has undertaken 262 long term projects and 5,504 short term studies and special tests.

These projects have been sponsored by 1,615 large and small companies, associations of manufacturers and government agencies.