

Rossby Speaks To Sigma Xi

The Illinois Tech chapter of Sigma Xi heard Dr. Carl-Gustaf Rossby give a talk on "The Recent Advances in Meteorology" last Wednesday in the Student Union auditorium.

Dr. Rossby is a professor of Meteorology at the University of Chicago and president of the American Meteorological Society.

In his talk, he outlined the recent developments in weather forecasting. The first was the use of polar cold fronts, a development of the Norwegians. When the cold winds from the north meet the warm winds from the south, there is formed a long range front. Clouds and rain occur along the edges of waves of warm air which push out along this front. Studies of the way these waves travel is a major advance in local weather forecasting. Dr. Rossby brought out.

The second new forecasting method was the mathematical treatment showing that the prevailing westerlies were sinusoidal in their travel. This being confirmed by observation gives something new in overall weather forecasting.

During the question period after the talk, Dr. Rossby told of contributions of meteorology in determining "D" day.

Red Cross Holds First General Meeting in SU

The College Unit of the Red Cross held its first general meeting last Friday, during the eleven o'clock free hour. Claire Brinkerhoff, program chairman, welcomed the girls and then introduced the committee chairmen. Each chairman told exactly what her job was in the unit, and what her committee has done in the past.

Mrs. Katherine Jaynes, of the speakers bureau of the American Red Cross then spoke on a typical day in the Red Cross activities. To illustrate her talk, she used kodachrome slides; there were pictures of the various volunteer services, the Community Service, and the Field Directors, and their work with servicemen.

Miss Jeannette MacLuckie then introduced the possibility of women's athletics here at IIT.

Reisman and Kukral Pledged to Tau Omega

Two men were recently pledged to Tau Omega, national aeronautical engineering honorary fraternity. They are Herbert Reisman and A/S Allan Kukral.

Kukral, a senior in CE, aero option, is president of the IAEs, social chairman of the Senior Class, navy editor on *Technology News*, and a member of ASCE. Reisman, also a senior CE, aero option, is vice-president of the Physics Club, secretary of the Math Club, and a member of the IAEs and the ASCE.

Pledge duties will consist of making and carrying a scale propeller painted yellow and black, the colors of Tau Omega and recitation of "The Epitome of Obscuration" upon request of the actives.

Positions in Music Clubs Still Open to Students

Positions in the band, orchestra, and glee club are still open to interested students according to O. Gordon Erickson, director. The orchestra is particularly in need of stringed instruments and the glee club, tenors. Several school instruments are available for students not owning their own. Those interested are asked to contact Erickson at his office in the student union, or ask any music club member for information.

The clubs are at present working on the Christmas program to be given as an all-school assembly and are making plans for another trip to be taken at the end of this semester.

Link Date Bureau Offers Services to All 'Needy' Students

The Link Date Bureau is one of the more unique services offered by the student organization at IIT.

It has been in operation for over two years and reorganized last semester under the direction of A/S Norbert Vojta, A/S Bill Sirvatka, and Howie Johnson with Mrs. Anna Orcutt as faculty advisor.

The Link Bureau offers the students who are social strangers to the city, an opportunity to meet girls who will meet their approval in such matters as age, weight, height, complexion, tastes, etc. The Link has on file the names of more than 125 girls from such colleges as Chicago, Mundelein, George Williams.

The Link Bureau has received a great many requests for dates during this semester, but the new students have failed to take advantage of the services of the Bureau. As a student organization the Link Bureau wishes to serve all students, new and old, and all students who wish further information are invited to visit the Link office at the southeast corner of the auditorium in the Student Union Building. The office is open daily from 1 to 2 a.m.

Schmidt Elected to Presidency of SAE

The Society of Automotive Engineers members on this campus held their first formal meeting last Friday. The group that met decided to create a formal organization to be affiliated with the national Society of Automotive Engineers.

The first business of the meeting was the election of officers. Those elected were: President, John H. Schmidt; vice-president, William H. Charlton; treasurer, Patrick J. Sweeney; and secretary, Tom Feehrey.

In addition to the election of officers, a constitution committee, headed by Stan Abramovitz, was formed to draft a constitution for the organization; an activity committee headed by Edwin Wojcik was formed to plan and arrange various activities; and a membership committee, headed by treasurer Patrick J. Sweeney, was formed to handle new memberships. Sponsors are Daniel Roesch of the automotive department, and Professor S. E. Rusinoff.

The SAE plans to have field trips, movies, and lectures by prominent speakers.

Homer Wickham Heads Concert Band This Term

A/S Homer Wickham was elected president of the concert band at a rehearsal last Friday. Other officers elected were Roland Fisher, vice-president; A/S DeWitt Pickens, secretary-treasurer; and A/S Fred Travis, manager.

A/S Jim Woodling is the retiring president.

At the present time the band is practicing for its annual Christmas program, states Gordon Erickson, director.

Four Extra TD Sections Formed to Meet Demand

The technical drawing department found it necessary to form four extra sections in elementary technical drawing due to the last minute enrollment of 100 students.

The task of finding new instructors was a difficult one. Part time instructors are S. E. Rusinoff of the mechanical engineering department, I. C. Hill, admissions officer, A. G. Giles, in charge of in-plant training, and D. Fullmer, formerly an instructor of engineering drawing at Michigan State College. A. J. Bakalar and Edmund Matrajek are assistants.

A mathematics class which meets in the drawing laboratory adds to the crowded condition.

100,000 Books to Be Housed in Library

Shortly after the first of the year IIT is to have a new library as a result of the forthcoming consolidation of the libraries of Armour and Lewis divisions. The library will be located in one of the bays of the new Engineering Research Building just south of Chapin Hall.

According to Mr. William H. Hyde, head librarian, the new library will consist of approximately 100,000 volumes representing scientific, technical, and humanity subjects. Of the 100,000 volumes, 35,000 are from the Lewis library and have been in storage since last August. The new location will have two and one-half times the floor space now used thus making possible more convenient arrangements for reference books, as well as additional reading space for the students. The library staff will have more efficient working quarters than is possible under the present crowded conditions.

Mr. Hyde announced a new staff member, Mrs. Margaret Goudie, who is replacing Miss Marian Lynch as circulation assistant. Mrs. Goudie is from Milligan University where she majored in Library Science and was assistant in the library there.

National ASME Award Presented to Erickson

For his paper, "Increasing the Efficiency of Gas Turbine Cycles," John W. Erickson, a recent graduate, was presented with the undergraduate student award given every year by the ASME for the best paper or thesis submitted by student members. He was presented with a certificate and a \$25.00 cash prize at the national meeting of the ASME held in New York City on November 28.

Erickson's paper was first presented to a group conference of students from the Middle West at Northwestern University. The paper was then sent to New York where it was selected as the paper to receive the award for 1945.

The award is one of two student awards, established in 1914 from a fund created by Henry Hess, Past Vice-president of the Society.

Capt. Farwell Scheduled To Address Navy Personnel

After drill this Saturday, Capt. E. F. Farwell, USNR, will speak to all naval trainees on "Rules of the Road".

Capt. Farwell, a former professor at the University of Washington, is a specialist in maritime law and has given similar talks during the war.

O. Gordon Erickson, Organizing Glee Club for Women Students

Now that the girls have settled at Technology Center, women's activities are being established on a more permanent basis than they were when the two campuses were so widely separated. Although there is now a new, also isolated campus downtown, the distance is not so great and the transportation facilities between the two campuses are such that the journey from one to the other is not long or tedious.

• NROTC PROGRAM

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for a Baccalaureate Degree before April 1st will, if fully qualified, be commissioned ensigns and remain on active duty until eligible for demobilization.

Men completing seven terms and who do not qualify for a Baccalaureate Degree will be given the following options:

1. Commissioned as ensigns, and retention on active duty, until eligible for demobilization.

2. Release to inactive duty in inlisted status until approximately July 1, in order to complete their eight college terms, and to receive commissions on graduation.

The bulletin from the Chief of the Bureau of Naval Personnel stated that under the options listed above any trainee who is returned to inactive duty to complete his education must obligate himself to accept a commission in the Naval Reserve upon completion of his training. On commissioning, he will be ordered to active duty if his services are required and if he has not sufficient points for release.

The navy training program was started at IIT in July, 1943 and has been in effect since then. In November of this year post-war plans had already begun to form with the commissioning of a NROTC unit and the beginning of the construction of a \$300,000 ROTC Building. It is indicated that when this building is completed around March 1, it will be used for administering to the program which will go into effect at that time.

Lt. Williams Interviews Illinois Tech Trainees

Lt. R. W. Williams, personnel officer from the Bureau of Naval Personnel, has reported to Illinois Tech for temporary duty as an interviewing officer.

Last Thursday, Lt. Williams spoke to seventh and eighth term trainees on types of duty they could expect upon graduation. Today, after evening chow, he will administer to all eight termers the Officer Classification Test. The duration of the test is three hours and is a combined intelligence and aptitude test.

Individual interviews with eighth term trainees will begin in the latter part of this week.

A long-wanted organization is that of a women students' glee club. A survey among the girls has shown that, of those interviewed, a majority are eager to join such an organization. In order to make the club a flourishing enterprise, every girl who likes to sing is needed.

Mr. O. Gordon Erickson, director of the Music Club, has consented to become director of the club, and asks for the full cooperation of those interested. The group is to participate in concert work, both on and away from the campus, and will provide music for minor school functions.

In order to designate a meeting time which will be convenient to the greatest number of girls, each prospective member should leave a copy of her program at the office of Miss Jeannette MacLuckie, assistant to the dean, in charge of women's affairs. Her office is on the first floor at 43 W. 33rd Street. This copy should list all free periods. Since many girls have classes downtown, the location of classes should be specified. The time of meeting preferred should be likewise given. Programs must be in by Wednesday, Dec. 19, and try-outs will probably be held during the first week after Christmas vacation.

Sidney Teller Talks to Home Economics Club

At a meeting of the Home Economics Club last Tuesday, Mr. Sidney Teller gave a talk "Tales of a Traveler in Search of a Hobby." Mr. Teller has been collecting odd pieces of brass and copper for 35 years; a part of this collection is to be given to Illinois Tech. According to Dorothy Hahn, president of the club, one of the most interesting parts of the talk was a demonstration of a "Miracle bowl," which is connected with an ancient Hindu legend, which will retain water in spite of the holes in its bottom.

Last Thursday, at a meeting, Biruta Sheikla was elected treasurer to replace Virginia Norris who is now attending another school.

The club announces their Christmas party, which will be held December 21, at eleven o'clock. All home economics students are invited.

All's well



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