

Hans Reissner To Leave IIT At Term's End

New Aero Instructor Promised by Grinter; Gail, Griffis to Teach

Dr. Hans Reissner, professor of research and instruction of aeronautical and other technical sciences, is leaving IIT at the end of this semester, it was learned today.

He will leave for the Curtiss-Wright Propeller Division in New Jersey. There he will act as consultant in developing certain new aircraft propeller designs.

These designs, originated by Dr. Reissner, are to simplify and improve the performance of constant speed propellers. Dr. Reissner also invented the first variable pitch propeller.

His departure will momentarily leave a vacancy in the aeronautical staff and graduate school at IIT.

Dean L. E. Grinter, vice-president of IIT, stated that very effort to obtain a new instructor for airplane design will be made. The aeronautical industry will be combed for the best man for this position, he stated.

All seniors in the aeronautical option can be assured of obtaining airplane design next semester, he added.

Dean Grinter also suggested that a supplementary aeronautical course may be given by Albert Gail, professor of aeronautical engineering.

In the future, Le Van Griffis, professor of mechanics, will give the course in airplane stress analysis. Gail will teach aerodynamics.

Hobson, Reed Go To Pittsburgh Meeting

Dr. J. E. Hobson, director of the electrical engineering department and of Illinois Tech's recent signal corps training program, Dr. M. B. Reed, professor of electrical engineering, attended a meeting of the editorial board of Harper and Brothers Publishing Company recently in Pittsburgh, Pa.

Dr. Hobson also visited the Westinghouse Company plant there. Before leaving for the East, Dr. Hobson addressed a meeting of the Illuminating Engineers in Chicago.

Oct. Seniors to Hold Last Dance

The October senior class will hold a graduation dance, Saturday, October 16, at the Knickerbocker Hotel. This was announced by Roger Olsen, chairman of the dance committee.

The dance will be held in the Oceanic Room of the Knickerbocker Hotel and will feature Fred Snyder and his six piece band. This will be a closed affair with approximately sixty couples attending. The room is on the roof of the hotel and has a balcony on which the couples can "roam under the stars."

It will start at 9:30 p.m. and will end at one in the morning. Drinks will be served at the tables.

The bids cost \$2.20 per couple and may be secured from members of the committee, consisting of Roger Olsen, James Ramseth, Tom Costello, Fred Sternberg, James Johnson, and Jack Byrne.

Wednesday Is Last Day for Pictures

Wednesday, October 6 will mark the last day that photographs will be taken for the Integral. The photographer will be at the school to take pictures of all those who have not yet had their pictures taken.

Pictures of underclassmen will be taken from 11:30 to 1:00 and 2:30 until 4:00. Those who do not have their pictures taken at that time will not appear in the yearbook. In case of conflicts students are advised to see either Ray Berggren or John Yoxen before Wednesday.

Harry Beach, Integral editor, stated that all those men who are graduating in October should leave a mailing address with their class secretary in order to obtain a copy of the Integral.

Beach also stated that "the seniors to be included in this yearbook are those who will be graduated in October, February, and June. The June graduates include those men who lack less than eleven hours necessary to graduate in February."

Electrical Honorary Initiates Nine Men

Eta Kappa Nu, the electrical honorary fraternity, formally initiated nine pledges September 10 at the Swedish Club.

Frosh Student Receives Award

Felix Rosenthal will be honored as the outstanding freshman mechanical engineering student Tuesday, October 5.

The award, consisting of Marks' Handbook for Mechanical Engineers will be made by Pi Tau Sigma, honorary mechanical engineering fraternity, at a smoker in the Student Union at 7:30 p.m.

This award is made to grant recognition to the man in the mechanical engineering department who was the outstanding student at the completion of his freshman year.

Honorable mention is made to Robert Negele.

Rosenthal was born in Munich, Germany. He is a graduate of Hyde Park high school. He was awarded the William J. Cook scholarship for three semesters.

Negele graduated from Riverside High School, and is also a holder of the W. J. Cook scholarship.

The award is granted to acquaint the freshmen and sophomores with Pi Tau Sigma and its purposes. The committee in charge of selecting these men was made up of Robert Sholeen, chairman, Edwin J. Hemzack, and Earl S. Goldberger.

The election of officers for the coming term will also be included in the meeting.

Dance Bids Limited In Number—Coccia

The spacious ballroom, the adjacent promenade, and the lounge of the Furniture Club of America, 666 N. Lake Shore Drive, have been obtained for the All School Dance on October 9, stated the ASSC today.

Will Back and his ten piece band will be there to furnish the music. The dance starts at 9 p.m. and couples will enter at the west entrance.

"All the faculty members are invited to attend as it is desired that they partake in the social activities of the school" said Mike Coccia, chairman of the All School Social Committee.

Bids are priced at \$1.75. "A limited number of bids have been made and after these are sold, no more will be available" the committee announced.

The social chairmen of the committee are the authorized salesmen of these bids; however, tickets may also be purchased in the lobby of Student Union.

"This will be the last school dance until the second or third week of the next semester. The success of this dance will determine whether the next dance will be held downtown or on the campus" Mike Coccia said.

A meeting of the ASSC will be held on Wednesday, October 6, in the West Dining Room.

ASTP Dance Guests Will Be SMC Girls

"Servicemen's Center girls will be guests at an ASTP dance on Saturday, October 16," stated Private John Craig, of the dance committee. "If this dance is a success the unit will hold several more during the winter."

The dance will be held in the Armory and Pvt. George McElroy and his band will furnish the music. The dance will be from 8 o'clock until taps.

Mechanics Colloquium Opens on October 6

The Mechanics Colloquium at Illinois Institute of Technology will hold its first meeting for the 1943-44 season on Wednesday evening, Oct. 6, in the new Metals Building.

ITSA Appoints Tau Beta Pi to Probe Lab Report Complaints

Too Much Time Spent on Writing Reports, Say Sophomores; Standards Fair, Claims Thompson

Subject of considerable discussion on the south campus last week was the matter of the sophomore physics laboratory reports. The latest development is the ITSA's appointment of Tau Beta Pi, honorary engineering fraternity, as an investigating committee.

Bill Parks, president of Tau Beta Pi, assisted by members Thomas Dunsheath and Bob Rose, will direct the investigation. It is expected that results of the probe will be announced after the next meeting of Tau Beta Pi, which will be held tomorrow at 5:30. A report of its findings will be made by Tau Beta Pi to the ITSA.

Complaints by the sophomores as to the amount of work they are required to do on physics have been raised perennially for many years. This term, several "letters to the editor" were written, and published in *Technology News*, the authors being sophomores who felt that they were being compelled to spend an unreasonable amount of time on physics reports. The matter was also brought up at a meeting of the sophomore class, and a committee was appointed by Tom Ruck, class president, to poll the opinions of students concerned, in order that a coherent and unified report might be presented.

The committee's first meeting was held last Tuesday at 5:30. The ITSA meeting at which Tau Beta Pi was instructed to look into the matter had been held at 2:00 that day.

Chairman of the committee is Arnold Rosner; Bob DeBoo, vice-president of the class, represents the

class officers. At present, the committee, according to member Bill Burkhart, is having questionnaires mimeographed, for distribution to the sophomores.

Sample questions: How much time do you usually spend on physics reports? What do you consider a fair amount of time? Should more credit be given for physics laboratory? Should the number of reports be reduced?

If the sophomores fill out and return these forms, the committee will be able to say with certainty how the majority of the class feels.

In order to present a complete picture of the situation, a *Technology News* reporter interviewed Charles A. Tibbals, dean of students, and Dr. James S. Thompson, head of the physics department. Dean Tibbals, when asked how much work should comprise one hour's credit, stated that a semester hour credit, by definition, calls for three hours of work, whether done inside or out of the classroom or laboratory.

Dr. Thompson, when advised of the action which had been taken, said he would be glad to cooperate in any way he could with the sophomore committee or any similar group.

The main aim of the department, said Dr. Thompson, is to offer as good a course in physics as is possible, while at the same time keeping the level of work such as to represent the laboratory work in a school with high standards. He feels that the standards set at IIT are fair in comparison with other institutions, and further emphasized that the decisions in the matter are not those of one man, but of the entire department. An "A" report should represent a high level of work, which means that the average student will get a "C" more often than an "A" or "B."

Tech News Banquet Is Sunday, Oct. 10

Technology News staff members will hold a banquet Sunday, Oct. 10 in the Swedish Club; 1258 N. LaSalle Street.

A leading journalist from one of Chicago's newspapers will speak at the banquet.

Two hours before the dinner, the installation of Pi Delta Epsilon, national journalism fraternity will take place.

Old members of the managing board will turn over their offices to the new board members as one of the events.

Funds for the dinner are from the Tech News treasury. Invitations are in the mail now.

Officers Elected By Graduate Club

John G. Volakakis, CE graduate assistant, was elected president of the Graduate Club, Friday, October 1.

Two Gas Institute assistants were elected to the offices of secretary and treasurer. Lewis H. Mahoney is the new treasurer, while J. W. Selph holds the office of secretary.

The next social event planned for the club will be a stag party, Friday, October 15. The new president urges all graduate students to attend.

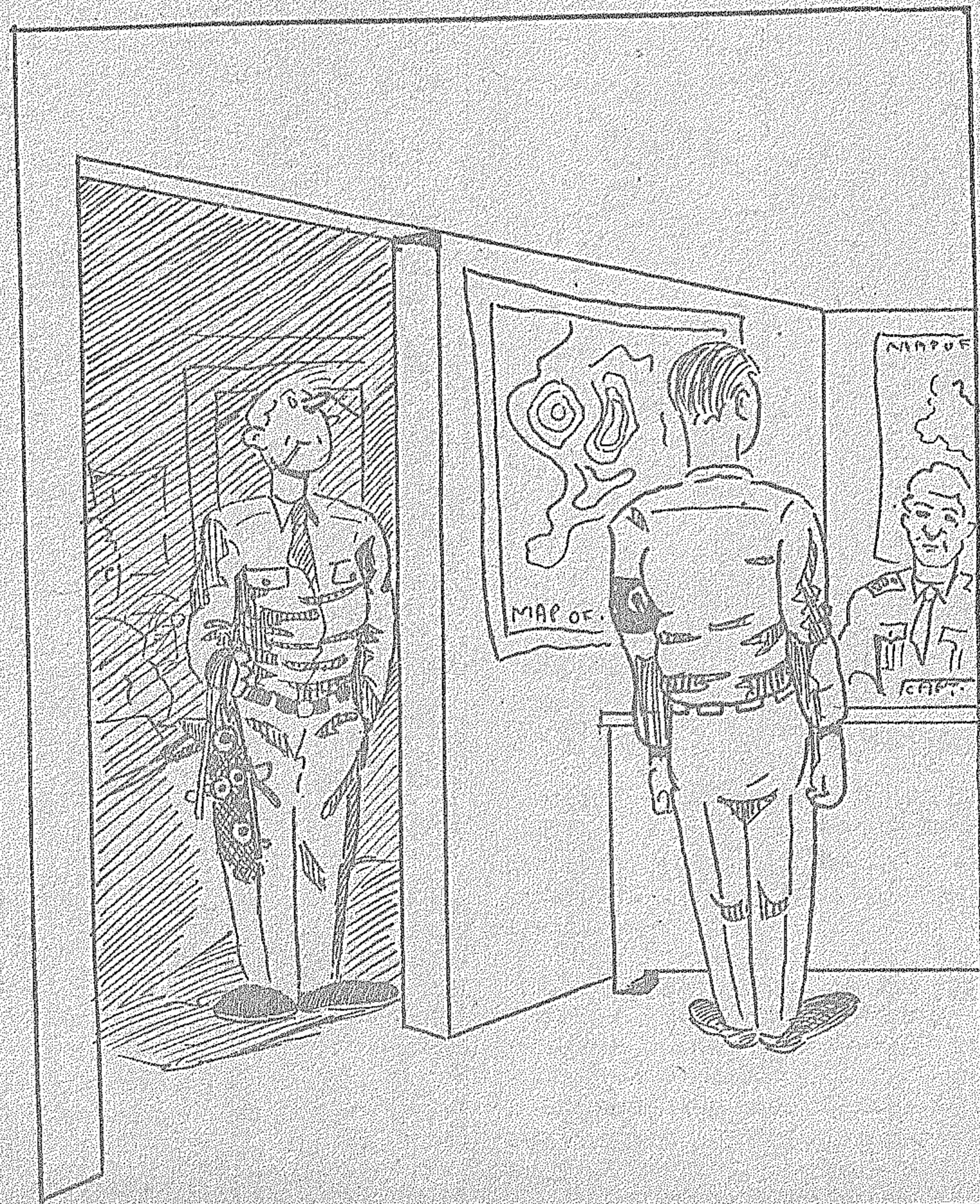
ASME Monthly Discusses Navy's Diesel Engines

The navy and its Diesel engines, a field to which most navy engineering officers are assigned, is discussed in two articles in the September issue of the "Mechanical Engineer," a magazine published by the American Society of Mechanical Engineers.

This monthly magazine, free to all members of the ASME, will be distributed in the lobby of the Student Union, Friday morning from 10:30 to 11:30. The ASME officers,

Private Snafu

by Chuck Rice



"... and he says he has a device to save the men a lot of walking between classes."

Brain Twister

(Editor's note: This new column will give you, our readers, a chance to match your brains against Bert Pearl's. This will be a pleasant relaxation from the strain of education. Contributions will be welcomed, and may be placed in the Tech News Box in the Student Union Lobby.)

1—A one mile steel rail expands 1 foot each summer. One cold winter the ends of the rail are staked down. The next summer the rail, trapped, rises in the center. Without resorting to mathematics, would you say that the rail rises 1 foot, less than 1 foot, or more than 1 foot?

2—A man is looking at a picture on the wall. Musing, he says: "Brothers and sisters I have none, but that man's father is my father's son." Whose portrait is he viewing?

3—Three men on a bear hunt leave their camp armed with their favorite weapons, a rifle, a cannon and a pea shooter. They walk fifteen miles south, play a few hands of gin rummy, and then go fifteen miles east. There they sight their quarry, a bear. So the intrepid hunters let fly with the rifle, the cannon and the pea shooter. They then drag what is left of the bear the fifteen miles north back to their camp, where they make bear stew.

What color was the bear?

Answers to the Brain Twist:

1. Believe it or not, the rail rises approximately 50 feet.

2. He is looking at his son.

3. The only way the three distances could be equal is if the hunters started from the north pole. Consequently, this was a polar bear, so the bear was white.