

H. T. Johnson Talks At FPES Meeting On Inspector's Job

"The Experiences of an Engineer with the Illinois Inspection Bureau" was the topic presented at the last meeting of the Fire Protection Engineering Society. The speaker, Mr. H. T. Johnson, an Armour graduate, is now working with the Illinois Inspection Bureau where he specializes in sprinkler-system and gravity-tank inspections.

Mr. Johnson's talk was spiced with his own interesting experiences and those of his acquaintances. Especially interesting were his comments on the grading of towns. He stressed the fact that an inspector should be thorough and practical when making his inspection and, at the same time, mindful of the inconvenience he is causing those whose property he is inspecting. Mr. Johnson said that an inspector's job is to sell the idea of the need of increased safety factors in such a way that the suggestions will be gratefully accepted by those to whom he is making the suggestions.

Relays—

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Since this is the first year that it will be operated by the Illinois Institute of Technology, plans that go to make it successful should be enlarged.

Members also passed on a ruling to extend financial help to the Dance Club. Since this organization is very active on the I. I. T. campus, the membership fees and costs are kept to a bare minimum.

Because it serves a large number of students, the ruling was passed unanimously. Among the other items considered at the meeting was the cost of construction of a new baseball backstop for Ogden field, the old one having been blown down by the famous wind of Armistice Day, 1940.

Musical Groups Prepare Opening Of Big Season

Enthusiasm plus hard work are two factors in Mr. O. Gordon Erikson's formula for producing outstanding musical groups at I.I.T. this season. Members of the glee clubs and orchestra have been toiling every week for more than a month in the auditorium of the Student Union. Attendance at these rehearsals shows that the students are really interested in the musical organizations.

The glee clubs are in their last few rehearsals before their first public performance on December 11 in the rotunda of the Art Institute at 12 noon. In the morning of the same day Lewis students will hear their Christmas concert. The girls glee club and the orchestra will perform at this concert. These performances will be followed by a Christmas concert on the Armour Campus on December 19. At this performance 78 male singers and 40 instrumentalists will combine to form a program surpassing that of last year.

There are at present many very talented students at I.I.T. who have not joined any of the musical groups. Mr. Erikson suggests that it is not too late to join. He will welcome any new members.

Electrical Dept. Announces New G.E. Purchases

Greater enrollment in the past years has necessitated an expansion program in student laboratory facilities. Professor Freeman, head of the electrical department, has announced the receiving of a large shipment of new instruments from the General Electric Company. The purchase includes ammeters, voltmeters, and Wheatstone bridges, which will be available for student experimentation. A valuable donation was received recently from the Otis Elevator Company. The gift was a dynamometer, which may be used as a balancer in a three wire D.C. distributing system.

New Arrangements

Another phase of the expansion program will be a general reorganization and rehabilitation of the dynamo laboratory. Equipment will be overhauled, new arrangements will be made, and new equipment will be added from time to time. New terminal blocks have been put on several of the generators already.

A.S.M.E. Meet, See "The Kilowatt Trail"

Highlighting the A.S.M.E. meeting last Friday, held in science Hall, was "The Kilowatt Trail," a motion picture presented by the Westinghouse Co. Preceding the movies were short talks given by John Sauvage, president, and Dick Nolte, membership chairman.

"The Kilowatt Trail" depicted the manufacturing of insulators,

turbines, switches, and meters designed for all purposes.

A group of about 130 students and instructors viewed the scenes showing the manufacture of these articles. Especially impressive were the scenes showing huge turbines being machined and the small parts of the meters being assembled.

John Sauvage announced the movie and introduced Dick Nolte, who spoke of the memberships turned in. Already registered are 138 members and more are forthcoming should see Dick Nolte and juniors or sophomores see Hansen or Janke for information concerning membership requirements.

POLISH GROUP TO MEET WEDNESDAY FOR FIRST SOCIAL

On Wednesday, November 27, at 8:00 p.m. the Lewis Institute Polish Club will hold its annual social to which all members and prospective members are cordially invited. The event will take place in a special hall obtained for the purpose at 1101 North Damen Ave. Free refreshments will be served and there will be no admission charge. Music will also be furnished for dancing.

At the last meeting, which was held in the Laird Community House, Division and Wolcott Streets, a large number of Armour students were present. Plans were discussed for the reorganization of the club under the title "Illinois Institute of Technology Polish Club."

Subsequent meetings will alternate between the Armour and Lewis campuses.

Longtin Delivers Stability Theme

One of the principal speakers at the meeting of the American Chemical Society held Friday, November 15, in the Stevens Hotel, was Dr. Bruce Longtin, instructor of Physical Chemistry at Illinois Institute of Technology. Dr. Longtin spoke on "Rates and the Second Law from the Principle of Stability."

Stability Discussed

The main object of Dr. Longtin's talk was to point out the fact that both equilibrium problems and rate problems may be considered from the standpoint of stability. Chemical thermodynamics also may be used to determine equilibrium conditions as one of maximum stability. Rate problems also show stability. As an example, Dr. Longtin cited the fact that when the rate of an electric current is greater than the stable value, resistance tends to slow the current down.

Among the officers of the Chicago chapter of the American Chemical Society are many alumni and faculty members of Illinois Institute of Technology. Dr. B. B. Freud, chairman of the department of chemistry is a member of the board of directors and a counsellor. Dr. Murray is also a counsellor. Treasurer of the Chicago chapter is Dr. R. H. Manley of the research foundation. Mr. G. L. Parkhurst, a graduate of Armour Institute of Technology, is editor and counsellor, while Mr. J. J. Doheny, Jr., is secretary. Dr. G. Egloff, who received an honorary degree from Illinois Institute of Technology last June, is one of the Willard Gibbs jurors of the Chicago chapter.

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