

A. D. Bailey To Give Lecture at Night Assembly

On Feb. 27th the first evening division general assembly for this semester will be held from 7:10 to 8:00 p.m. Speaking before the men will be Mr. Alex D. Bailey, chief operations engineer for the Commonwealth Edison Company and Chairman of the Lewis Institute Board of Directors. He will speak on "Responsibilities of the Engineer." Those who have heard him speak in the past say that his talks are most inspiring and practical, and offer many helpful suggestions to men starting on and engaged in an engineering career.

This is the first of two general assemblies planned for the evening division students this semester for the purpose of bringing the men closer together and allowing them to participate in general discussions of the problems of engineering. After his talk Mr. Bailey will conduct a general discussion and answer questions from the audience. Dean Dutton, of the evening division, invites all students of the day school and their friends to attend.

A.S.M.E.—

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ber two, a section reserved especially for them at the meeting. Over 60 students have already expressed their intention of attending, and a large group is expected to hear the lecture.

Dr. Wallace will open the meeting with a discussion of some of the general phases on research in industry, leading up to a description of the research division of Crane Company and an outline of its functions in the company organization. Research activities of the modern industrial organization have led into strange and varied channels. From the small neglected test room or laboratory of a few decades ago have grown the modern research departments which are integral parts of the progressive industrial firm. No company which expects to capture and maintain a place among the leaders in its field can relax its unceasing search for those ingredients which go to make more products, better products, and make them at a price which will encourage increased utilization of those products.

Engineering Expanding

Today more engineers are selecting research as their vocation, and the number of those employed in this division of engineering is steadily increasing. To those desiring more information concerning the duties and methods employed by the research engineer, Mr. Magos' lecture should be enlightening. He will give examples of the industrial research carried on in the Crane Company in the fields of metallurgy, welding, radiography, ceramics, heating and air conditioning, product development, and basic sciences.

Problems Remain

The problems to be solved in these fields are innumerable and some of them are as follows: development of metals for a multitude of services; measurement of erosion resistance and creep; correlation of welding technique with physical and metallurgical testing; use of X-rays and gamma rays in the non-destructive testing of materials; development of porcelain, enamel, china, and other materials used in the manufacture of sanitary ware; testing and rating of heating boilers, radiators, and air conditioning equipment; application of the spectroscopy; crystal analysis; electron diffraction; and photoelasticity for the solution of problems.

Having found that this type of meeting is well liked by its members the Chicago Section of the A.S.M.E. is devoting two meetings a year to these lectures.

CONCERT—

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have been made at the Blue Fountain Room of the La Salle Hotel so that Armourites and their lady friends will be permitted to enjoy the music and refreshments at a minimum charge of only \$1.50. This special price has already attracted many of the Techawks, and the advice now is, "First come, first accommodated." As most fellows have probably noticed, the day of the concert this year has been changed to Friday instead of Thursday as it has been in previous years.

Merger In Dormant Stage as Lawyers Debate Lewis Will

Responding to a number of requests both oral and written as to the present status of the Armour-Lewis merger, the *Armour Tech News* here presents a brief outline of the developments in the last few weeks.

In order to make possible the merger, the trustees of Lewis Institute, who, by the terms of the will are responsible to the court for their actions as trustees, decided that certain terms of the will would either have to be changed or nullified. To this end, a case is in the courts at the present time to decide definitely whether the merger can be legally consummated. The evidence for the trial was completed in presentation to the judge last week and the decision is expected in a few days. As soon as any definite information is at hand, the *Armour Tech News* will make a complete statement.

Statement of Policy

An established principle in most newspaper organizations is the policy of not accepting for publication anonymous communications of any sort. This action is taken mainly as a protective measure for the publication itself. The *Armour Tech News* urges students to make full use of the contribution box in the lobby of the Student Union, but requests that signatures accompany all communications. Names will be confidentially withheld in all cases where requested.

Dr. Timoshenko To Teach Here During Summer

Coming to Armour this summer to teach a special course in theoretical mechanics is Dr. Stepan Profokievitch Timoshenko, who is perhaps the most distinguished man in the world in his field. Armour is indeed fortunate in obtaining his services for the summer school.

His course "Problems of Elastic Stability" will represent a real opportunity for all engineering students and will undoubtedly attract students from the entire country.

Many Accomplishments

Dr. Timoshenko's accomplishments form a long and impressive list. Born near Kiev, Russia, in December 1878, he received his preliminary engineering education at the Polytechnic Institute at St. Petersburg. He then traveled in western Europe and after spending three years studying in Germany, returned to his native land to accept the chair of Applied Mathematics at the Polytechnical Institute in Kiev. In 1909, he was elected Dean of the School of Civil Engineering. In 1913, he went to Institute of Ways and Communications in St. Petersburg as Professor of the Theory of Elasticity. During the World War, he acted as consultant with the Russian Railroads, the Navy and the Air fleet.

In 1922 he accepted a position as consulting engineer for the Vibration Specialty Company of Philadelphia. The following year Dr. Timoshenko joined the research staff of Westinghouse Electric Company to do outstanding work in stress analysis and vibration problems. During this period he gave lectures on problems in mechanics at M.I.T., Stanford, Michigan, Wisconsin, Illinois, Harvard, Yale and Cornell Universities.

Excellent Teacher

Since Dr. Timoshenko considers himself primarily a teacher he joined the staff of the University of Michigan in 1927, the year that he became a naturalized American citizen. In 1936 he accepted a position as Professor of Theoretical Mechanics at Stanford University and during his stay there received the Worcester Reed Warner Medal of the American Society of Mechanical Engineers for his achievements in the field of mechanics. Two years later the honorary degree of Doctor of Engineering was conferred upon him by both Lehigh and Michigan Universities.

Although he prefers academic life, Dr. Timoshenko still does research work for industry. He has continued to act as consultant for Westinghouse Company and since 1935 has been a member of the Special Committee on Aircraft Design and Construction

Many Armour Profs Author Modern Books

Contributions of Armour Tech to the literary world will reach a high level this year with the publication of several books by members of the Department of Language and Literature. The combined efforts of the language men will cover an astonishingly wide range of literary material.

Macmillan Company will publish Elder Olson's second book of verse "Cock of Heaven" this fall. Dr. Olson, recognized as a critic and as one of the foremost young American poets, attracted considerable attention three years ago with the publication of "Thing of Sorrow", his first volume of poetry, and is a frequent and well received contributor to poetry periodicals. In addition to this, he is completing a text book on the "Analysis of Argument", a book on the application of logic to analysis. Scheduled also for fall publication, this book is of a type and style never before attempted and may replace the course in Logic taught here now.

McColley Publishes Book

Grant McColley, who is responsible for starting the section on Literature and Science in the Modern Language Association, has penned a new book "Literature and Science", which has been published by Packard & Co. and which is now being used in English courses here at Armour. This book is an anthology of selections of English and American literature dealing with science from 1600 to 1900, a subject in which Dr. McColley is a recognized authority. Dr. McColley's criticisms and reports on such subjects as the Copernican theory have been most prolific and have received lavish support from many great scholars.

Wisconsin Uses Text

An experimental text entitled "Language in Action" has been written by S. I. Hayakawa, and is now being used by the University of Wisconsin and several other Schools. This text is designed as a substitute for the first two or three months of the first semester of freshman English and is an attempt to "provide an orientation toward language based upon modern linguistic, scientific, and literary theory", as stated in the preface. Formal publication will probably be in the fall. Dr. Hayakawa is also the co-author with Howard Mumford Jones of Harvard of a book on Oliver Wendell Holmes which was published last year by the American Book Company.

William Hammer, Professor of Foreign languages here, is also the contributor of the introduction and commentary to the English translation of the well known German work "The Lay of the Love and Death of the Coronet Christopher Rilke" which was scheduled for publication in England last year. However, military hostilities between Germany and England, have delayed the transfer of copyright from Germany and publication is now being held up.

Colvert's Class Considers Cino

Dr. Colvert's class in Photography has started its experiments. Every member of the class has made a pin-hole camera and taken several pictures with it. Some of the students have already begun testing lenses. Last Saturday the textbook was first used. The book used is written by Mark and Martin of the University of Wisconsin, where a similar course is taught. The book is titled "The Photographic Process" and is very useful for a course of this kind including as it does a complete laboratory manual of 31 experiments. The class is limited to juniors and seniors of the day and evening school. Photographic supplies and new apparatus which are to be used by the photographic class have been purchased.

A class in "Industrial Instruments and Control," Physics 418 is being taught by Dr. Thompson in the evening Division. The class meets every Tuesday from 6:20 to 8:00 p.m. in room 308 Physics building. Manometers, flowmeters, and many other measuring devices and controls used in industry will be studied.

ORCHESTRA

Friday, March 1st, 8:30

Tickets at Bookstore \$0.50

CONCERT

Under the Direction of

O. G. Erickson

Goodman Theatre

All Seats Reserved

GLEE CLUB

Chesterfield's Twin Pleasures are Real Mildness and Better Taste

You can't mistake the extra pleasure you get from Chesterfields.

Because of their right combination of the world's best cigarette tobaccos, Chesterfields give you a cooler, better-tasting and definitely milder smoke.

You can't buy a better cigarette

Jack and Bob Heasley

When the HEASLEY TWINS, stage and screen skating stars, perform for your pleasure, it's almost impossible to tell which is which . . . but you can't mistake the twin pleasures you get in Chesterfield's REAL MILDNESS and BETTER TASTE.

Chesterfield

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DEFINITELY Milder Cigarette