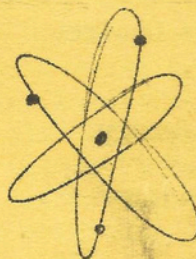


AMERICAN INSTITUTE of CHEMICAL ENGINEERS

CHICAGO SECTION

A. I. Ch. E. MEETING Chicago Section



Date: February 11, 1959
Time: 6:30 P.M.

Place: Builders' Club
LaSalle and Wacker
Chicago Loop

Dinner: Members \$3.50
Non-Members \$4.00

Speaker: Dr. Stephen Lawroski
Head of Chemical Engineering Division
Argonne National Laboratories

Subject: "Report on the 1958 Geneva Atomic Conference"

Social Period: 6:00 P.M.

Sponsored by: Podbielniak, Incorporated

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ABOUT THE SPEAKER

Dr. Lawroski was graduated from the Pennsylvania State University in 1934 and received his Ph.D. in 1943. From 1934 to 1943 he was a research assistant at the Petroleum Refining Laboratory at State College, Pennsylvania. In 1943 he joined the Research Division of the Esso Laboratories of the Standard Oil Development Company (now Esso Research and Engineering Co.), Elizabeth, N.J., as a research chemical engineer. From 1944 to 1946 he was loaned by the Standard Oil Development Company to the Manhattan Project's Metallurgical Laboratory at Chicago. In 1946 he joined the Standard Oil Development Company and was sent as one of its representatives to the Clinton Laboratories (now Oak Ridge National Laboratory) where he was an advanced professional trainee in the school for reactor engineering. In 1947 he joined the staff of the Argonne National Laboratory as Associate Director of the Chemistry Division. Since 1948 Dr. Lawroski has been Director of the Chemical Engineering Division. He has been engaged in separations process technology in atomic energy for more than 12 years. He had served as U.S. delegate to both the 1955 and 1958 Geneva Conferences on Peaceful Uses of Atomic Energy. Dr. Lawroski is a member of the American Nuclear Society, American Chemical Society, American Institute of Chemical Engineers, American Association for Advancement of Science, and the Research Society of America .



BOUNDARIES OF THE CHICAGO SECTION

The By-Laws of the Chicago Section define the territory of our section as the area within a fifty mile radius of the City Hall. The National Office of the A.I.Ch.E. is presently making a survey of exact Boundaries, by counties, of the various local sections. Counties appearing within the fifty mile radius are:

In Illinois - Cook, Lake, McHenry, DuPage, Kane,
Kendall, Will, Kankakee and Grundy
In Indiana - Lake, Porter and LaPorte
In Michigan - Berrien
In Wisconsin - Kenosha

These boundary lines will guide the National Office with respect to areas open to other sections formed in the future.

FROM THE CHAIRMAN

It was a pleasure to welcome the Chicago Section American Rocket Society to our January meeting. The speaker, Dr. Robert Peterson, President of Booz-Allen Applied Research, Inc., was of general interest to both organizations. He presented an extremely interesting and enjoyable talk on the "Impact of Missiles on the Chemical Industry."

We again take this opportunity to thank the International Minerals and Chemical Corporation for their sponsorship of the social period. We are sorry that none of their members were present to take the bows.

To those of you who paid your dues and did not receive your meeting notice, we extend our apologies. I am assured the cause will be corrected.

Incidentally, our membership as of January 14, 1959 was 469.

I hope you all watched the January 8 television program discussing the Chemical Engineer in the Petroleum industry. Our congratulations go out to Mr. John Anderson and his committee. Also to Mr. R. J. Hengstelbeck of Standard Oil who did a remarkable job as the Chemical Engineer.

We are slowly approaching our goal in the United Engineering Building Fund. All of you who have not made your pledge as yet, please do so and help us surpass our quota.

Send your pledge to:

Mr. George Murphy
American Chemical Service, Inc.
P.O. Box 85
Griffith, Indiana

or give it to your company representative.

- G. E. Bailie

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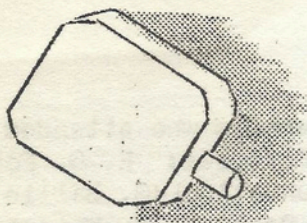
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WATCH CHANNEL 11



The second in the series of television programs, under the auspices of the Chicago Section of the A.I.Ch.E. will be seen on February 5 at 9:30 P.M. The program, presented in conjunction with Visking Corporation, will cover the

Chemical Engineer in the Plastics field.

INSTRUMENTS AND CONTROL ENGINEERING COURSES

Two courses are being offered at Navy Pier by the University of Ill. Extension Division in cooperation with the Chicago Section, Instrument Society of America. The courses are:

Instrument Operating Principles. Eleven 3-hour sessions, 7-10 P.M., every Wednesday, starting February 18, Room 127 at Navy Pier. Covers how the many types of instrument elements work, the physical principles behind them and their special features.

Instrument Application in Control Systems. Eleven 3-hour sessions, 7-10 P.M., on Tuesdays and Thursdays, starting on February 17 and terminating on April 7, Room 127 at Navy Pier. Covers the many aspects of control systems planning, including classification and diagrammatic representation of open loop and closed loop (feed back) control.

The courses are presented from a general viewpoint and are designed for the instrument technician, the process engineer, the instrument engineer or anyone whose work is fringing on or heading for these fields. The courses may be taken either simultaneously or in either sequence. They provide an excellent orientation for planning further specialized study in areas such as electronics, hydraulics, computers, analytical instruments, etc.

Advance registration and pre-ordering of text books can be made by phone or card to:

Mr. T. H. Dekker
Illini Center - LaSalle Hotel
LaSalle and Madison Streets
Chicago 2, Illinois (Phone RA 6-7750)

PERSONAL NEWS

Here is a further listing of local section members who attended the A.I.Ch.E. Annual Meeting in Cincinnati last December: E. G. Fochtman, C. Hersh, and R. H. Snow (Armour Research Foundation); G. Bailie and E. Peterson (Visking Corporation); R. E. Peck, K. M. Watson, R. C. Kintner, B. S. Swanson and O. Levenspiel (Illinois Tech). Dr. Swanson took part in the symposium on Education on Process Control.

C. S. Steiner and E. Fritz of Swift and Company received the 1958-59 first prize award for the promotion of Tall Oil Uses from the Tall Oil Division of the Pulp Chemicals Association. Their paper, which earned the \$500 award, was titled "Pharmaceutical Grade Sterols from Tall Oil".

D. Wuth has joined the Sales Engineering Department at the Eimco Corp. He will be working in the Midwest territory.

Recent lectures by Standard Oil engineers were: "Mass and Heat Transfer in Packed Beds" by E. W. Thiele at M.I.T.; "How Electronic Computers are Used to Solve Technical Problems" by L. J. Kusak at Rose Poly; and "Economic Appraisal of Chemical Projects" by G. H. Weisemann at Georgia Tech. Prof. C. A. Wanderwerf of the Univ. of Kansas talked to the staff at Standard on his research into sulfur and nitrogen compounds in petroleum. New engineers at Standard include H. V. Bergstrand, J. A. Green and V. L. Deslattes.

Dr. H. V. Nyland, Director of Economics Division, has been appointed to the Junior Board of Directors of the Sinclair Oil Corporation. R. B. Smith of Sinclair, will have a paper published in C.E.P. The title is "Kinetic Analysis of Naphtha Reforming with Platinum Catalyst".

W. S. Dougherty has been appointed Director of Process Engineering of the Central Engineering Department at Corn Products. F. W. Velguth (Corn Products) is the Executive Chairman of the Host Committee for the 1959 Instrument Society of America Instrumentation Conference and Exhibit to be held in Chicago on September 21 to September 25.

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PERSONAL NEWS (Continued)

The November issue of Food Engineering contained an article by R. M. Olson (Corn Products) entitled "How Top-Rung Pilot Plant Bridges Gap to New Products".

Participants in upcoming meetings include R. H. Snow and J. Rosinski (Armour Research) who will present a paper at the Atlantic City A.I.Ch.E. Meeting on "Dispersion of Radioactive Waste in the Wake of a Nuclear Powered Ship"; and Dr. D. A. Dahlstrom (Eimco Corp.) who will be a chairman for two symposiums at the annual A.I.M.E. meeting in San Francisco in February.

Witco Chemical's new Phthalic Anhydride plant is nearing start-up time.

M. Mhatre and R. C. Kintner, of Illinois Tech., gave a paper entitled "Liquid Drops falling Through Pseudoplastic Fluids" at the A.C.S. Christmas Symposium which was held at the Mellon Institute in Pittsburgh, December 29 and 30.

M. R. Wingard was in Rocky Mount, N.C. making final contact negotiations for a soybean extraction plant which Davidson-Kennedy Associates will erect this year for the Planters Cotton Oil and Fertilizer Company. J. Suriano joined the staff at Davidson-Kennedy last December, as a Process Engineer.

LADIES NIGHT

Remember this date - April 8, 1959. And if you don't your wife will remind you, because that is the date for LADIES NIGHT of the Chicago Section. Arrangements have been completed for a dinner-dance at the Southmoor Country Club, located at 131st and Southwest Highway.

Start making plans now, and most important, get your bid in early for a baby sitter.



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Chicago Section
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The Next Meeting of the Chicago Section

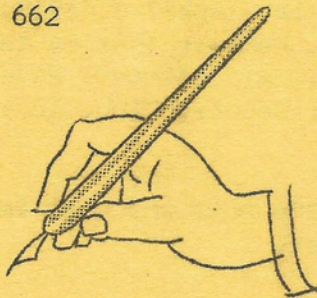
Date: March 11, 1959

Place: Builders' Club

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