

A | MERICAN | I | NSTITUTE | OF | C | H | E | MICAL | E | NGINEERS



- THE NEWSLETTER -

55th Annual Meeting of the Institute
Chicago - December 2-6, 1962
Conrad Hilton Hotel

44 Technical Sessions
171 Papers
14 Plant Trips

OTHER HIGHLIGHTS

Sunday: Panel Discussion
Get-Acquainted Party

Monday: Institute Lecture
President's Luncheon
Evening Discussion Session

Tuesday: Professional Progress Award Lecture
Awards Banquet
Speaker: Dr. Edward E. Teller, Associate Director,
Lawrence Radiation Laboratory
Topic: Project Plowshare
Dance: Griff Williams Orchestra

Wednesday: Technical Discussions Luncheon

No December Meeting of the Chicago Section
Next Meeting: January 9, 1963, at the Builders' Club

ANNUAL INSTITUTE MEETING

After two years of preliminary planning and of making final arrangements, the Chicago Section will be host to the Annual Institute Meeting to be held at the Conrad Hilton Hotel, December 2-6, 1962.

All the officers of the General Arrangements Committee and the many Chairmen and Committees are completing plans to make this an enjoyable and educational meeting for you. We hope that you, as a member of the Institute and of the Chicago Section, will make every effort to attend and support this meeting.

Art Conn and his National Program Committee have developed an outstanding program covering many applied technological and industrial topics, and unit operations subjects. A total of 171 papers will be presented at 44 different technical sessions. Also, such events as the panel discussion on "Management Problems in Professional Development" and the Technical Discussion Luncheon should do much to enhance this program.

In addition to the technical sessions, interesting plant trips have been planned. This is your chance as a Chicagoland resident to see some of the industries of this area.

Mrs. Gordon Weyermuller and her Ladies Committee will be located in The Astoria Ballroom of the hotel. They will be ready to present an interesting program for all ladies attending this meeting. Trips to the Merchandise Mart, Art Institute, and Marina City have been planned. Please don't hide the program from your wife - she will want to come.

In case you have not seen the program and would like to have a personal copy of program, please drop a card to:

W. J. Alford
Pure Oil Company
Research Center
Crystal Lake, Illinois

The program and registration card will be sent to you by return mail.

Highlights

Sunday, Dec

3 PM -

5:30 - 7:30

Monday, Dec

9 AM -

9:30 AM

Noon

2 PM - 5

7:30 PM

Tuesday, Dec

9 AM - 1

11 AM

ANNUAL INSTITUTE MEETING
(continued)

Highlights of This Meeting Are:

Sunday, December 2

3 PM - 5 PM Panel Discussion - "Management Problems in Professional Development"
Moderator - E. H. Vause

5:30 - 7:30 PM Get Acquainted Party, featuring music by an all-girl trio, The Tonettes, and the slight-of-hand tricks of Don Alan.

Monday, December 3

9 AM - 11:30 AM Student Program - Careers in Chemical Engineering

9:30 AM - NOON 55th Annual Business Meeting and Institute Lecture
Lecturer: Hugh M. Hulburt
Topic: Chemical Kinetics in Reactor Engineering

Noon President's Luncheon
Speaker: J. J. McKetta, Pres. AIChE
Topic: We're Obsolete. So What?

2 PM - 5 PM 6 Technical Sessions

7:30 PM - 10 PM Discussion Session - Controversial Issues in Chemical Engineering Education

Tuesday, December 4

9 AM - 11 AM 6 Technical Sessions

11 AM Professional Progress Awards Lecture
Lecturer: Jack A. Gerster; Topic: Tray Efficiencies - Is More Research Needed?

ANNUAL INSTITUTE MEETING
(continued)

Tuesday, December 4
(continued)

- 2 PM - 5 PM 7 Technical Sessions
- 7 PM - 10 PM Awards Banquet
Speaker: Dr. Edward E. Teller
Subject: Project Plowshare
- 10 PM - 1 AM Dance - Griff Williams Orchestra (\$2.00 per
person for those not attending the Banquet)

Wednesday, Dec. 5

- 9 AM - 11 AM 6 Technical Sessions
- NOON Technical Discussions Luncheon
- 2 PM - 5 PM 6 Technical Sessions

Thursday, December 6

- 9 AM - 12 PM 6 Technical Sessions
- 2 PM - 5 PM 6 Technical Sessions

MAKE PLANS NOW TO ATTEND THIS MEETING

W. J. Alford, Chairman
General Arrangements Committee

REPORT FROM THE CHAIRMAN'S DESK

Elections for Vice President and for Director of the AIChE are behind us and we will have to await the report of the Teller's Committee during the Annual Meeting. Speaking of the Annual

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Meeting, the committees have worked long and hard on the program under Art Conn, and on the arrangements under Bill Alford. Those section members working on committees will do yorman service, there's no doubt but all members of the section can help to make this meeting a success. Attend and promote attendance on the part of your fellow workers!

Several appointments have been made recently to three year terms on National Committees:

James R. King of Quaker Oats to the Career Guidance Committee.

William Sullivan of Abbott Laboratories to the Membership Committee.

A.Lieberman of Armour Research to the Pollution Control Engineering Committee.

Dr. A. J. Paik of Abbott Laboratories has been a member of the Admissions Committee and was not listed earlier.

Jack Donahue and Hank Thorne have been representing the AIChE in a joint society's activity. No name has as yet been selected for the new group but it is already hard at work promoting Chicago Engineer's Week. Our section, together with A.S.C.E.'s Chicago Section, is responsible for selecting a worthy high school student as an award recipient. We are also to furnish a list of qualified section members to speak on the general subject of "Engineering" to address civic groups such as Rotary, Kiwanis, P.T.A., etc., as part of the Chicago Engineer's Week promotion. Volunteers may contact Hank Thorne.

This year it appears as though all technical societies associated in the Illinois Engineering Council are cooperating so that the Illinois Professional Engineering act may be amended to allow the corporate practice of engineering with only reasonable restrictions.

Your chairman, who is a member to the National Professional Legislation Committee has been asked to represent the AIChE in a meeting to consider revisions to the Model Law promoted by the National Council of State Boards of Engineering Examiners, (NCSBEE) as a guide to legislation affecting practice of engineering.

(continued)

REPORT FROM THE CHAIRMAN'S DESK (continued)

You have all received the mailer "Meet Your Chicago Section" for which R. Opila and J. Donahue are to be congratulated. Pass a copy on to anyone else that you know who is a logical candidate for membership in the Chicago Section. WE ARE LOOKING FOR MORE MEMBERS! More of the pamphlets are available from Dick Narta.

Harry M. Betzig, Chairman

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REPORT FROM AICHe COUNCIL

Back in 1960, the Council of the AICHe passed a resolution to the effect that all chemical engineers of Local Sections must become members of the National AICHe or forfeit membership in the Local. After passage, Council received a very large number of letters from Local Sections objecting to the provision. However, practically all of these objections were on the basis that the Local Sections should be allowed to "put their house in order themselves" and were not objecting to the mandatory requirement. Thus, action was deferred to give all Local Sections this opportunity.

As of May, 1961, the percentage of non-member chemical engineers in the Local Sections did not decrease. Thus, Council then reaffirmed its original motion. This time the objections were very few and in fact, could be counted on less than the fingers on one hand.

What is the resolution that was actually passed by Council? In a nutshell, by January, 1965, all chemical engineers who are members of a Local Section must become members of the National. They, of course, can join either as Associate members or members. If they do not qualify for membership under these two categories, they can always join as Affiliate members.

It is not the intention of Council to make it impossible for non-member chemical engineers to join a Local Section for a trial period. Thus, the Council has recommended that the Local Section establish its own Constitution and By-Laws such that a non-member chemical

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engineer could be a member of the Local Section for up to and no more than two years before joining the National. Council would suggest either one or two years. It should also be mentioned that any non-chemical engineer, can be a member of the Local Section without being a member of the National. Council, however, says that he should not be an officer of the Local Section.

Undoubtedly a logical question is, "Why should it be necessary to have such a regulation?" I feel very strongly that membership in the AIChE is by an individual selection. In other words, I, or I am sure the other members on Council would never want to see a regulation such that a man could not practice chemical engineering unless he were a member of the AIChE. However, the AIChE must speak for its members, it is called upon to do many things for the chemical engineering profession (publications, program, accreditation of chemical engineering education, etc.) and as such, needs the support of its Local Sections. This support is diluted if non-member chemical engineers chart the course of the Local Section. Furthermore, both the National AIChE and its Local Sections are of mutual support. I am sure one could not exist without the other. Thus, we strongly feel that mandatory membership is very logical for the Local Sections and at the same time, our surveys made on all Local Sections each year exhibit a duplication of this feeling.

Another very important thing that this resolution does is to encourage the Local Sections to actively support membership drives in their area for National membership. I could go on listing many reasons why the AIChE deserves support of all chemical engineers by membership. If you ask 100 men who are members of the AIChE what their reason for membership is, I believe you would get approximately 50 different reasons. This illustrates the many advantages that the AIChE offers. However, the most forceful reason I know for membership in the AIChE is the following: "Where would my profession be without the AIChE?" I am certain that the profession of chemical engineering would be severely injured and limited without the AIChE.

I am sure the Chicago Section will do its full part in achieving 100% membership in this section for the AIChE.

Don Dahlstrom
Member of the Council
of AIChE

EXTRA-CURRICULAR ACTIVITIES

Since this issue of the NEWSLETTER is largely devoted to the National Meeting of the AIChE, perhaps now would be an appropriate time to acknowledge the work of those members of the local section who are serving on National Committees. The list also includes those who are representing the Chicago Section in other organizations.

National AIChE

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|---|--|
| Program Committee | - G. Weyermuller - R. Opila (Food Industry) |
| Machine Computation | - N. Rawson - R. Mercer |
| Local Sections Sub-Committee on Professional Development | - R. Opila - (H. Nolting) |
| Professional Legislation | - H. Betzig |
| Public Relations - Representative Regional Coordinator | - J. Donahue - R. Opila |

American Power Conference

- | | |
|------------------------------|---|
| National Representative | - D. Dahlstrom |
| Joint Societies Committee | - H. Thorne - J. Donahue |
| Illinois Engineering Council | - H. Betzig - W. Watkins - W. Brazelton - O. Du Temple |

DUES NOTICE :

IF YOU STILL HAVE NOT PAID YOUR LOCAL SECTION DUES, PLEASE MAIL YOUR CHECK FOR \$3.00 TO: Richard J. Narta, Visking Co., Div. U.C.C., 6733 West 65th Street, Chicago 38, Illinois. This will be the LAST Newsletter sent to men who have not paid their current dues!

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PERSONAL NEWS

ABBOTT LABORATORIES - Reporter: J. R. Coates

John Thomas has completed the Technical Training Program and is now a permanent member of the Engineering Department.

AMERICAN OIL COMPANY - Reporter: M. F. Oxenreiter

E. Wade Adams, Director of Administration at the Whiting Laboratories, has retired on annuity after a 37-year career in research and research administration.

Recent administrative and organizational changes in Research and Development Department involved the following:

Robert A. Steel has been appointed to fill the new position of Manager of the R & D Laboratories.

Arlie A. O'Kelly has been appointed Director of Fuels Research.

Arthur L. Conn has been appointed Coordinator for Development and Administration in the Chicago General Office.

Walker F. Johnston, Jr. and H. D. Radford have been transferred from the Texas City Laboratory to fill position of Assistant Director in the Fuels Research Area at Whiting.

Recent Staff Additions:

Gerald Aronwitz, PhD, Texas; Hans-Peter Pohlman, PhD, Technische Hochschule, Hanover; Gerald L. Levine, M.S., Michigan.

At a symposium at the Armour Research Foundation on computer applications, G. C. McKeague presented "The Value of Linear Programming in the Petroleum Industry."

R. J. Flannery spoke on "Energy Converters" at the Southwest Regional AIChE Meeting in Galveston.

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ARMOUR RESEARCH FOUNDATION - Reporter: R. Snow

R. Snow spoke on "Computers in Science and Education" at DePaul University Math Club on October 31, 1962.

CORN PRODUCTS COMPANY - TECHNICAL DIVISION - Reporter: D. A. Gaichas

An active participation in the 55th Annual Meeting to be held in Chicago is evident. Bob Opila is serving as Secretary of the Executive Committee, Gus Winkler is Chairman of the Public Relations Committee with Jack Donahue assisting him, and Bill Burk and Dave Gaichas are helping out on the Plant Tours Committee.

George Kaupas, Although recently married, still retains possession of the Playboy calendar. In fact, he is only missing the month of September from the whole year. He has decided to substitute a copy of "September Morn" to symbolize his regret.

Steve O'Flaherty was the first one in the office to have a new '63 car. It is a nice looking car except Steve is having difficulty convincing people that the horsehide brown color is really the exterior color and not the primer coat.

Ed Kuske, a recent IIT graduate, has been assigned to the Development Group of the Chemical Engineering Department. He is currently reading "Mathematics for Fun and Profit" which was suggested by his girl friend, a math major at IIT.

Fred Schenck, returned from a Florida vacation. His discussion of the social and economic conditions brought about by the displaced Cubans was enlightening.

EIMCO CORPORATION - Reporter: C. Cornell

Bob Emmett is visiting Mexico with his family for several months.

Don Dahlstrom has spoken before the Toledo, Cleveland, and Western North Carolina Sections of AIChE on continuous filtration applications.

ILLINOIS INSTITUTE OF TECHNOLOGY:

Dr. O. Levenspiel of the Illinois Institute of Technology has

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recently had a book published by John Wiley - "Chemical Reaction Engineering" 1962. This is the first text book on CRE and has been received very enthusiastically.

NORTHWESTERN UNIVERSITY - Reporter: W. F. Stevens

W. F. Stevens and George Thodos attended a one-day school on Oct. 19, 1962, sponsored by the AIChE and held at the Ivorydale Technical Center of the Proctor and Gamble Company in Cincinnati. The subject for the school, for teachers of Chemical Engineering, was "Synthetic Detergent Processes" including design techniques and detergent technology - the making of fatty alcohols, surfactants, synthetic detergent products.

J. C. Slattery attended a meeting of the Society of Rheology, October 29-31, 1962, at Johns Hopkins University in Baltimore.

SWENSON EVAPORATOR COMPANY - Reporter: R. Bennett

A. C. Pat Savis will present a paper on Spray Drying at the Chicago Meeting of AIChE.

R. C. Bennett presented a paper "Potassium Chloride by Crystallization" at the Atlantic City Meeting of the A.C.S.

SWIFT AND COMPANY - Reporter: D. L. Swendsen

Messrs. Rodney Matasofsky and Dale Ludwig have joined the Engr. Staff of the Hammond Technical Products Plant located at Hammond, Indiana.

Edward Cornwell has been transferred from the Dairy Division of the Research Laboratory to the Chemical Engineering Division of the Engineering Research Department.

Nick Geti has returned to the Control Division of the Engineering Research Department after spending two months of training in the Marine Corps at Paris Island, South Carolina.

VISKING COMPANY - Reporter: E. McGlynn

On October 6, 1962, Joe Lescher of the Technical Assistance Dept. became the proud father of a 9 lb. 4 oz. boy.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
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