

A  
MERICAN | NSTITUTE OF C  
H  
EMICAL { NGINEERS

---

- The Newsletter -

AICHe Meeting: May 8, 1963

PLACE: Builders' Club  
228 North LaSalle  
Chicago Loop

SOCIAL PERIOD: 6:00 P.M.

DINNER: 6:30 P.M.

SPONSOR: Dorr-Oliver Corporation

COST: \$4.25 (Members)

\$4.75 (Others)

SPEAKER: Mr. A. N. Chirico  
Manager of the Process Division  
Chicago Bridge & Iron Company

SUBJECT: Saline Water

ALSO..... ELECTION

OF

OFFICERS



OUR HOST :

The Dorr-Oliver Corporation is a world wide engineering and manufacturing firm. It was formed in 1955 by the merger of the Dorr Company and the Oliver United Filter Company, and later acquired the Merco Centrifuge Company in 1957. This Corporation manufactures and sells proprietary equipment for liquid-solid separations, liquid-liquid separations, and fluidization processes. They service the metallurgical, chemical, petroleum, food, pharmaceutical, and pulp and paper industries. They offer equipment for unit operations requiring agitation, classification, sedimentation, centrifugation, filtration, and fluidization.

The Dorr-Oliver Corporation also offers plant design and consulting engineering services. In 1961 they formed the Dorcon Corporation which manufactures steel storage tanks, water tanks, distillation columns and miscellaneous vessels for the processing industry.

ABOUT THE SPEAKER :

Mr. A. N. Chirico is a recognized consultant on Process Equipment specializing in evaporation and crystallization systems. He has been with Chicago Bridge & Iron Company since 1954 and is Manager of the Process Division.

Prior to Mr. Chirico's association with CB&I, he was employed with the Process Group Division of General American Transportation Corp. where he was in charge of the Crystallization Department. Mr. Chirico joined General American in 1947 and for the past 14 years has been totally engaged in the design, fabrication, installation and operation of evaporators and crystallization systems in addition to many other systems involving drying, thickening, classification, etc.

Mr. Chirico was graduated from the Carnegie Institute of Technology. He is a member of Pi Tau Sigma and Omicron Delta Kappa Honoraries.

MAIL Y O

FOR MULT

ABOUT T

The Nominating  
the Chicago Se

Chairman:  
Vice-Chairman:  
Secretary:  
Treasurer:  
Director-at-Large  
(Until 6-30-66)

L.  
Vic  
Cha  
Cha  
Men

Graduated from  
1945. Member  
Navy. Obtained  
1948.

Has been associated  
technical service  
Development De

Is a senior Member  
tion Committee

MAIL YOUR

RESERVATION

NOW

Mail the attached Reservation Card or Call

Ben Johnson  
431 - 6538

FOR MULTIPLE RESERVATIONS, PLEASE SUBMIT NAMES OF ALL PARTIES

ABOUT THE CANDIDATES:

The Nominating Committee proposed the following slate of officers for the Chicago Section of the AIChE

Chairman:	L. O. Stine		
Vice-Chairman:	H. C. Thorne, Jr.	-	N. E. Rawson
Secretary:	W. T. Sullivan	-	B. L. Johnson
Treasurer:	R. J. Narta	-	J. C. Forman
Director-at-Large:	R. S. McDaniel	-	R. L. Opila

(Until 6-30-66)

(BRIEF BIOGRAPHICAL SKETCHES FOLLOW)

L. O. Stine  
Vice-Chairman, Chicago Section - 1962-3  
Chairman Program Committee - 1961-2  
Chairman Foreign Student Committee - 1961-2  
Member Program Committee - 1960-1

Graduated from the University of Minnesota in Chemical Engineering in 1945. Member Sigma XI and PHI Lambda Upsilon. Served two years in the Navy. Obtained an M.S. in Chemical Engineering from Northwestern in 1948.

Has been associated with Universal Oil Products in pilot plant and technical service activities. Presently, Manager of the Process Development Department. Has published many technical studies.

Is a senior Member of the National AIChE and chairman of the Registration Committee of the 1962 Annual Meeting.

H. C. Thorne, Jr.

Secretary, Chicago Section - 1962-3  
Treasurer, Chicago Section - 1961-2  
Chairman House Committee - 1960-1  
Chairman, Publicity Committee - 1959-60

Supervisor of Investment Evaluation at American Oil Co. Previously with Amoco Chemicals Corporation and Whiting Research Department of Standard Oil Company where he specialized in economic evaluations of chemical projects. Has a B.S. degree in chemical engineering from Cornell University and a M.B.A. in finance from Northwestern University. Is director of the Chicago Section, American Association of Cost Engineers and chairman of the 1962 National AACE convention. Was chairman of the awards Banquet for the 1962 Annual Meeting.

N. E. Rawson

Norman E. Rawson has worked at Pure Oil Company since graduating in 1958 from Northwestern University with an M.S. in Ch.E. He co-oped at Borg-Warner Research Center and was President of the Student Chapter, AIChE at N.U. He served as a Symposium Chairman for the 1962 One-day Symposium of the Chicago Section and is the Section's Liaison Representative to the Machine Computation Committee.

W. T. Sullivan

Treasurer, Chicago Section - 1962-3  
Chairman Membership Committee - 1961-2  
Member Vocational Guidance Committee - 1960-1

Graduate of the University of Michigan, B.S. in Chemical Engineering. Employed by Abbott Laboratories, 1943-53, and 1957 to present. Sales Engineer with Podbelniak, Inc., 1953-57. Chairman of the Presidents Luncheon for the 1962 Annual Meeting.

B. L. Johnson

Chairman House Committee - 1962-3  
Chairman Publicity Committee - 1961-2  
Personal News Editor. - 1960-1

B. L. Johnson received his B.S., Ch. E., at Illinois Tech. 1944, his MBA (Business Economics) at the University of Chicago, 1959. He worked for the Ashland Oil Co. for 1 year, was in the U.S. Navy for

1-1/2 year  
in 1952.  
Technical  
5 years.  
Department

Employed b  
1960, work  
ing Depart  
for Food C  
Annual Mee

Received B  
University  
spent enti  
organizati  
Division o  
chairmansh  
1952 conve  
Rooms comm  
section me

Received h  
Developmen  
He was Cha  
Secretary  
of the Exe  
the Food I  
Midwest Re  
a member o  
a delegate  
Interprofe

1-1/2 years, and at Texaco 6 years before joining Standard Oil (Indiana) in 1952. He worked as a Chemical Engineer in Whiting Research and Plant Technical Service 4-1/2 years, and at Amoco Chemicals as Economist for 5 years. He is presently Planning Associate in Long-Range Planning Department of Standard Oil (Indiana).

R. J. Narta

Chairman Membership Committee - 1962-3  
Member Membership Committee - 1961-2

Employed by Visking Company, Division of Union Carbide. From 1956 to 1960, worked in the Chemical Development Section of the General Engineering Department at Viskings. 1960 to present, Technical Assistance Group for Food Casings. Was chairman of the Finance Committee for the 1962 Annual Meeting.

R. S. (Bob) McDaniel

Received BChE University of Virginia, 1942, and Ch.E. (MS) from Princeton University in 1943. With exception of summer work during college, has spent entire professional career with Standard Oil Company (Indiana) organization. Currently Manager of Financial Analysis and Control Division of American Oil Company. Past local AIChE activities include chairmanship of house and nominating committees. Served as chairman of 1952 convention registration committee and of 1962 Hotel and Meeting Rooms committee. Served on 1957 judging committee. Continuous local section member since 1946.

R. L. Opila

Received his B.S. in Ch.E. from I.I.T. in 1951, and has worked in the Development Engineering Group of Corn Products Company since that time. He was Chairman of the Publicity and House Committees, and served as Secretary and Chairman of the Chicago Section. Bob was the Secretary of the Executive Committee for the 55th Annual Meeting and Chairman of the Food Industry Symposium presented at that meeting. He is currently Midwest Regional Coordinator of the Public Relations Committee (National), a member of the Local Sections Professional Development Subcommittee and a delegate to the Illinois Engineering Council and a member of their Interprofessional Relations Committee.

BIOGRAPHICAL SKETCH OF DR. J. CHARLES FORMAN

---

Dr. J. Charles Forman has been associated with Abbott Laboratories since 1956, and is at present a Chemical Engineer in the Development Department.

Dr. Forman attended the Massachusetts Institute of Technology where he received a Bachelor's Degree in Chemical Engineering. He furthered his education at Northwestern University where he received a Master's and a Doctor's Degree in Chemical Engineering.

He is the author of numerous publications in the field of Chemical Engineering. Dr. Forman holds membership in the American Institute of Chemical Engineers, American Chemical Society, Phi Lambda Upsilon - National Honorary Chemical Society, Sigma XI - National Honorary Scientific Society and Tau Beta Pi - an Honorary Engineering Fraternity.

---

FROM THE CHAIRMAN'S DESK :

---

May is here again and it's time for our Annual Meeting, to be held at the Builder's Club. This is the meeting at which the new slate of officers for the 1963-1964 season will be elected and short biographical material is included elsewhere in this issue. Please read this material to acquaint yourself with the candidates. THEN COME OUT AND VOTE. At the same time those members interested in broadening their horizons are encouraged to volunteer for committee work during the next season.

A One-Day Symposium is planned for February, 1964, and the planning for the theme, arrangements and papers is already under a full head of steam. Anyone interested in working on this activity should contact Dr. Charles Forman at Abbott Laboratories, North Chicago, Illinois.  
(Telephone: EF 8-1600)

Looking backward, we had a busy year. The Annual Meeting of the AIChE in December was certainly a highlight of our season as was the election of Dr. Don Dahlstrom as Vice President for the Institute. Much work on the part of Section members went into related efforts not directly related to Section activities, ranging from the December Meeting to the

Illinois B  
Committee,  
is as it s  
centrally  
courses fo  
made are c

The April  
most activ  
been liste  
the Chicag  
for their

---

P E R S O

---

AMERICAN O

James A. B  
Office of  
transfere  
American B

D. G. Sch  
at a Semir

L. G. Whit  
tion Counc  
Computer S

CORN PRODU

Jerry and  
April 1, 1

Jerry Ruth  
with Kraft

Illinois Engineering Council, the Chicago Engineers Public Relations Committee, and a number of committee activities for the National. This is as it should be, the Chicago Section is third or fourth in size and centrally located. We should be one of the leaders in charting new courses for the engineering profession and in seeing that the plans made are carried out efficiently.

The April issue of the NEWSLETTER listed those members who have been most active in this regard and we hope that no one who should have been listed was omitted. As Chairman, I wish to thank, on behalf of the Chicago Section, the officers, committee chairmen, and directors for their good counsel and hard work during the past year.

Harry M. Betzig, Chairman  
Chicago Section, A.I.Ch.E.

-----  
P E R S O N A L   N E W S :  
-----

AMERICAN OIL COMPANY - Reporter M. F. Oxenreiter

James A. Bock has transferred from Whiting Research to the New York Office of American International Oil Company. W. T. McClain has transferred from our Chicago Office to the Research Department of Pan American Petroleum Company at Tulsa.

D. G. Schroeter reviewed Factors that Motivate Scientists and Engineers at a Seminar at the University of Michigan.

L. G. Whitsell spoke at the St. Louis meeting of the Midwestern Simulation Council on "Training Process Operators with Instrument Controlled Computer Simulation."

CORN PRODUCTS COMPANY - Reporter D. A. Gaichas

Jerry and Estelle Blickhalrn are parents of a son named Robert as of April 1, 1963.

Jerry Rutkiewicz left the Development Engineering Group for a new job with Kraft Foods.

NORTHWESTERN UNIVERSITY - Reporter W. F. Stevens

George Thodos has received a grant of \$26,250 from NASA for a two year study beginning September, 1963 to establish the Thermo-dynamic Properties of Para-Hydrogen. He recently was appointed a Walter P. Murphy Professor by the Board of Trustees of Northwestern University.

---

COST CONTROL SYMPOSIUM

May 9, 1963

Furniture Club of America  
666 North Lake Shore Drive  
Chicago, Illinois

The Chicago Midwest Regional Section of the American Association of Cost Engineers will present its third all day cost symposium on May 9, 1963. Papers will include the following:

"Cost Control or Complacency"  
F. H. Barnes, Chief Engineer - Control U. S. Steel Corp.

"Capital Cost Control in the Food Industry"  
Harry Betzig, Austin Company

"Applications of Critical Path Scheduling in a Chemical Plant  
Construction Project"  
E. John Mark, Pure Oil Company

"Standard Costs in Production Cost Control"  
G. F. Sutter, Asst. Mgr., Works Accounting, Inland Steel Company

"Cost Problems in Electronics as a Changing Industry;  
Use of Learning Curves"  
Harry Boehm, Amphenol-Borg Electronics Corporation

"Break-Even Points and Profitability Curves -  
A control for All Elements of Cost"  
G. N. Ross, E. I. du Pont de Nemours & Co.

Registrat

For furthe

-----  
SPEND A F  
-----

In an eff  
possible,  
the month

A stamped  
included  
return it  
year's pr

Our month  
only thro  
year.



Registration fees are : \$6.00 for AACE members  
\$7.50 for non members

For further information, contact:

Con Tsaros - Symposium Chairman  
Institute of Gas Technology  
Telephone - CALumet 5-9600 Ext. 634

Henry Thorne - AACE Section Chairman  
American Oil Company  
Telephone - 431-5107

Dan Brink - Publicity Chairman  
Corn Products Company  
Telephone - RANDolph 6-4520 Ext. 408

---

SPEND A FEW MINUTES TO HELP US GET BETTER PROGRAMS :

---

In an effort to present the most interesting and informative programs possible, the Program Committee wishes to learn your preferences for the monthly meetings.

A stamped addressed postcard containing a list of program subjects is included with this newsletter. We urge you to fill out this card and return it. It will serve as a useful guide for planning the coming year's program.

Our monthly meetings are the heart of our section's activities, and only through programs which interest you can we have a successful year.

Ed Moczek  
AIChE Program Committee

EDITORIAL BOARD

J. L. Donahue  
T. F. Meinhold  
L. O. Stine

PERSONAL NEWS EDITOR

Fred Becker  
Visking Company  
6733 W. 65th Street  
Chicago 38, Illinois

BOARD OF DIRECTORS  
SECTION OFFICERS, 1962-63

Chairman  
Vice Chairman  
Secretary  
Treasurer

H. M. Betzig  
L. O. Stine  
H. C. Thorne, Jr.  
W. T. Sullivan

Austin Company  
Universal Oil Products  
American Oil Company  
Abbott Laboratories

COMMITTEE CHAIRMEN

Constitution  
Finance  
House  
Membership  
Program  
Publicity  
Vocational

R. E. Logsdon  
A. A. Winkler  
B. L. Johnson  
R. J. Narta  
D. A. Stoltenberg  
J. L. Donahue  
E. H. Moczek

Liquid Carbonic  
Corn Products Company  
Standard Oil Company  
Visking Company  
Stoltenberg & Company  
Corn Products Company  
Abbott Laboratories

OTHER DIRECTORS

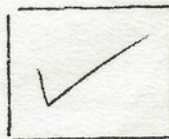
Chairman 1961-62  
Director-at-Large  
Director-at-Large  
Director-at-Large  
Council Liaison

R. L. Opila  
W. C. Clarke  
T. W. Meinhold  
W. A. Watkins  
D. A. Dahlstrom

Corn Products Co.  
Amoco Chemicals Corp.  
Chemical Processing  
Duriron Company, Inc.  
Eimco Corporation

-----

STUDY THE QUALIFICATIONS OF YOUR  
CANDIDATES CAREFULLY. BE SURE TO  
ATTEND THE MEETING AND VOTE FOR THE  
MAN OF YOUR CHOICE.



M A I L  
-----

FOR

et  
his

ucts  
any  
es

pany  
any

pany  
pany  
es

orp.  
g  
Inc.

DON'T FORGET!

MAIL IN THE TWO CARDS ABOVE TODAY!

NO POSTAGE NECESSARY

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS  
CHICAGO SECTION

Mr. Richard J. Narta  
Visking Co., Div. U.C.C.  
6733 West 65th Street  
Chicago 38, Illinois  
\*\*\*RETURN REQUESTED\*\*\*

Non Profit Org.  
U. S. Postage  
.01 $\frac{1}{4}$  Cts. PAID  
Chicago, Ill.  
PERMIT NO.2842

MR. JOHN L. DONAHUE,  
CORN PRODUCTS REFINING CO.,  
BOX 345,  
ARGO, ILL.

AICHE

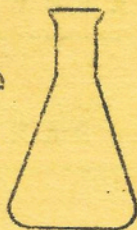
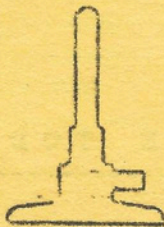
PLEASE REMEMBER THESE

IMPORTANT DATES!

MAY 8, 1963  
AICHe Meeting

Mr. A. N. Chirico speaking  
on "Saline Water"

MAY 9, 1963  
Cost Control Symposium



**(PLEASE FILL IN THIS CARD AND MAIL. NO STAMP NECESSARY)**

I plan to attend this month's meeting.

Please make .....dinner reservations for me and for the following guests.

.....

.....

.....

Signed .....

*B U S I N E S S   R E P L Y   C A R D*  
First Class Permit No. 81                      Whiting, Indiana

No  
Postage Stamp  
Necessary  
If Mailed in the  
United States

POSTAGE WILL BE PAID BY

**CHICAGO SECTION —**

The American Institute of Chemical Engineers

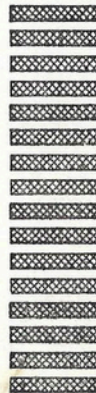
Mr. Ben L. Johnson

Standard Oil Co. of Indiana

Room 1723

910 So. Michigan Avenue

Chicago 80. Illinois



Please fill out this card to show your monthly program preferences:

Check those topics of interest to you—

Unit Operations

Manufacturing Processes

Computer Applications

Space Exploration

Engineering Economics

Management Concepts

Current Events

New Chem. Eng. Concepts

Others: \_\_\_\_\_

Ratio of technical subject to non-technical subject? \_\_\_\_\_

Would a film narrated by a speaker be of interest? \_\_\_\_\_

No  
Postage Stamp  
Necessary  
If Mailed in the  
United States

**BUSINESS REPLY MAIL**

First Class Permit No. 81

Whiting, Indiana

POSTAGE WILL BE PAID BY

**CHICAGO SECTION**

The American Institute of Chemical Engineers

Richard J. Narta

Visking Co. Div. U-C-C

6733 West 65th St.

Chicago 38, Illinois

