

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

J O I N T M E E T I N G
o f
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
Chicago Section
and
AMERICAN ROCKET SOCIETY
Chicago Section

Date: January 14, 1959
Time: 6:30 P.M.

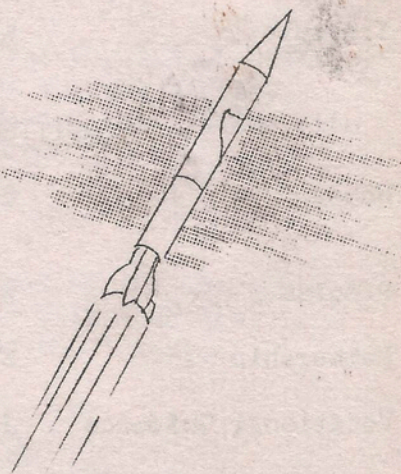
Place: Builders' Club
LaSalle and Wacker
Chicago Loop

Dinner: \$3.50

Speaker: Dr. Robert Peterson
President, Booz-Allen
Applied Research, Inc.

Subject: "The Impact of Missiles on the Chemical Industry"

Social Period: 6:00 P.M.
Sponsored By: International Minerals and Chemical Corporation



EDITORIAL BOARD

R. A. Clarke
 O. J. DuTemple
 R. L. Opilá

PERSONAL NEWS EDITOR

John L. Donahue
 Technical Division
 Corn Products Company
 Box 345 - Argo, Illinois

SECTION OFFICERS

Chairman	G. E. Bailie	Visking Co., Division of Union Carbide Corporation
Vice Chairman	R. A. Clarke	United Chemicals and Organic Products Co.
Secretary	T. G. Meinhold	Putman Publishing Co.
Treasurer	W. T. Brazelton	Northwestern Technological Institute

COMMITTEE CHAIRMEN - 1958 - 1959

House	E. E. Tarika	Visking Co., Division of Union Carbide Corporation
Program	W. C. Clarke	Amoco Chemicals Corp.
Membership	S. G. Sourelis	Wurster and Sanger, Inc.
Vocational Guidance	J. E. Anderson	Standard Oil Company
Publicity	R. L. Opila	Corn Products Company
Finance	A. B. Wilder	E. I. du Pont Company
Constitution and By-Laws	H. G. Bogie	Sherwin-Williams Company

Dr. Robert
 physics)
 1949, with
 was a mem
 Laboratory
 ity fuses,
 Bumblebee

In 1949, h
 developing
 Peterson b
 Branch of
 accepted a
 public Ste
 President

Dr. Peters
 the Instit
 the Atomic
 American I

The first
 Section of
 on January
 Engineer i

Since its
 to a membe
 are public

The Chicag
 times duri
 are: Step
 president;

ABOUT THE SPEAKER

3.

Dr. Robert P. Peterson Received his A. B., M.A., and Ph.D. (all in physics) from the University of California. From 1941 through 1949, with the exception of 4 years spent in the navy, Dr. Peterson was a member of the Senior Staff of John Hopkins Applied Physics Laboratory where he was associated with the development of proximity fuses, the Mark 52 and Mark 57 Fire Control Systems, and the Bumblebee Guided Missile Program.

In 1949, he became Director of Research for the Sandia Corporation, developing the ordnance aspects of atomic weapons systems. Dr. Peterson became Chief of the Industrial and Production Reactors Branch of the U.S. Atomic Energy Commission in 1952. In 1954, he accepted a position as Director of Nuclear Research for the Republic Steel Corporation, and early in 1957, Dr. Peterson became President of Booz-Allen Applied Research, Inc.

Dr. Peterson is an active member of the American Physical Society, the Institute of Radio Engineers, the American Nuclear Society, the Atomic Industrial Forum, the American Ordnance Association, the American Institute of Mining Engineers, and Sigma Xi.

WATCH CHANNEL 11

The first television program, under the auspices of the Chicago Section of the A.I.Ch.E., will be presented on WTTW - Channel 11 - on January 8 at 9:30 P.M. The subject will be the "Chemical Engineer in the Petroleum Industry".

THE AMERICAN ROCKET SOCIETY

Since its founding in 1930, the American Rocket Society has grown to a membership of about 15,000. "Jet Propulsion" and "Astronautics" are publications of the Rocket Society.

The Chicago Section, consisting of 230 members, meets six or seven times during the year between September and April. Local officers are: Stephen J. Frenkel, president; Joseph F. Elward, vice-president; Ben C. Harrison, secretary; and George Herman, Treasurer.

4.

FROM THE CHAIRMAN

At the December meeting our thanks went out to the Duriron Company, Inc., the cocktail hour sponsor, and to Mr. Hoyt W. Corley of Armour and Company who gave an interesting talk on the market research as applied to products of his firm. We are sorry that some of you could not be there.

We again extend our congratulations to Stuart Leipziger of Illinois Institute of Technology and Ronald P. Andrew of Northwestern for being selected the recipients of the McCormack Awards.

The Annual Report of the AIChE was presented at the Cincinnati Meeting and perhaps you will be interested in the following excerpts from it:

MEETING HELD

			<u>Attendance</u>
Annual Meeting	Chicago	December, 1957	2578
National (with C.J.C.)	Montreal	April, 1958	1203
Fifteenth Anniversary	Philadelphia	June, 1958	1988
Division (Heat Transfer)	Chicago	August, 1958	599
National	Salt Lake City	September, 1958	1035
Annual	Cincinnati	December, 1958	2200 Est.

The next meeting to be held in Chicago is the Annual in December, 1962.

During the year the Chicago Section also worked with the Institute in the sponsorship of the Nuclear Congress in March, 1958. Attendance was 4,000 to 5,000 persons.

Council action this year made it possible for a graduating Chemical Engineer who is a member in good standing in his student chapter to be transferred to Associate Member in the AIChE without entrance fee.

As of November 1, 1958 the membership of AIChE is:

Members	6,749
Associate Members	11,142
Affiliates	<u>108</u>
TOTAL	17,999

(continued page 10)

Mingle, J.
Mistorowski, R.
Mohr, G.
Mork, F.
Morrison, R.
Mortenson, E.
Murphy, G.
Murphy, R. F.

Roberts, J.
Robertson, G.
Robinson, R.
Roderick, H.
Rogge, R. H.
Rowan, Jr., W.
Rulis, A.
Rusin, D.

Turner, M.
Unerstall, J.
Valvoda, T.
Van Winkle, R.

L (cont.)

Leavitt, M.
Leventhal, H.
Levitz, N.
Linak, J.
Lindahl, J. O. P.
Loeding, J.
Logsdon, R.
Lomasney, E.
Longhini, A.
Lovett, J.
Lynch, E. P.
Lyon, R.

M

Mahone, L.
Maish, J.
Malm, I.
Marcus, J.
Margolis, A.
Marshall, R.
Martin, D.
Massey, L.
Medl, Jr., R.
Meinhold, T.
Menzl, R.
Merwin, W.
Michael, L.
Milleville, H.
Mingle, J.
Misiorowski, R.
Mohr, G.
Mork, F.
Morrison, R.
Mortenson, E.
Murphy, G.
Murphy, R. F.

O (cont.)

Oppermann, C.
Oshta, T.
Ostrander, D.

P

Pabich, H.
Pagels, E.
Pansing, W.
Parker, H.
Parker, N.
Patun, R.
Pavilonis, E.
Peck, R.
Peter, J.
Peterson, E.
Pierson, R.
Pinney, G.
Porter, C.
Potts, R.
Price, F.
Pritz, R.
Pritzlaff, Jr., A.
Prohl, A.

R

Radtke, W.
Riesz, C.
Riggs, W.
Roberts, J.
Robertson, G.
Robinson, R.
Roderick, H.
Rogge, R. H.
Rowan, Jr., W.
Rulis, A.
Rusin, D.

S (cont.)

Stauverman, Jr., E.
Steel, R.
Steiner, C.
Sterba, M.
Stine, L.
Stockmann, G.
Stratman, F.
Strong, R.
Summerfield, J.
Svoboda, J.
Swearingen, J.

T

Tank, W.
Tarika, E.
Taylor, R.
Thiele, E.
Thomas, A.
Thompson, F.
Thornton, J.
Thurston, R.
Tinsler, Jr., W.
Todaro, C.
Toepp, II, B.
Toloczko, E.
Troscinski, E.
Tsaros, C.
Tulis, A.
Turner, M.

U

Unnerstall, J.

V

Valvoda, T.
Van Winkle, R.

pany,
Armour
has
u

inois
or

Meeting
om it:

dance

78

03

88

99

35

00 Est.

er, 1962.

tute in
dance

nical
er to
ce fee.

AICHe CHICAGO SECTION
MEMBERSHIP LIST

DECEMBER 10, 1958

A

Adams, F.
Adler, H.
Aldrich, R.
Alford, W.
Anable, F.
Anderson, Jr., B.
Anderson, J. E.
Atwater, J.

B

Backus, H.
Bailie, G.
Bair, W.
Bartholomew, P.
Bauer, G.
Bauer, J.A.
Beber, O.
Becker, F.
Beeson, J.
Bennett, R.
Berg, D.
Berg, R. H.
Berg, W. T.
Bernhardi, T.
Berry, L.
Bertetti, J.
Bertiz, H.
Bey, Lois
Bielfedlt, P.
Binzel, P.
Birdsall, L.
Blake, D.
Black, G.
Blizzard, J.
Bodle, W.
Bogie, H.
Bolduc, Jr.
Borg, A.
Borsuk, W.
Boyd, Jr.

C (cont.)

Cooley, L.
Cornell, C.
Corson, F.
Cox, H.
Crehan, W.
Crocker, E. C.
Crowley, Jr., M.
Cryzewski, L.

D

Dahlstoom, D.
Deanesly, R.
De Carli, H.
Degner, C.
Degraff, R.
Devout, A.
Diamond, H.
Diekman, R.
Diestelow, L.
Dillon, Jr., B.
Dillon, I.
Donahue, J. L.
Downing, R.
Dudley, R.
Duffey, H.
Du Temple, O.

E

Eads, J.
Egar, Jr., W.
Eggers, K.
Eldred, N.
Elliott, M.
Ellis, E.
Eshbaugh, C.
Eshbaugh, R.
Everson, C.

G (cont.)

Graci, A.
Griffith, R.
Gross, H.
Grosvenor, O.
Grote, H.
Gruber, W.
Gunderson, L.
Gunness, R.
Gunter, C. G.
Gurawitz, J.
Gustafson, K.

H

Hammerschmidt, E.
Hansen, N.
Haring, L.
Hart, H.
Harte, Jr., C.
Havens, D.
Heinze, R.
Henderson, C.
Hennig, H.
Hickman, C.
Higgins, R.
Hiemer, G.
Hock, Jr., W.
Hoff, G.
Holland, C.

I

Idaszak, L.
Illich, Jr., G.
Isenstein, J.

J

Joffe, M.
Johannsen, A.
Johnson, R.

Bernhardi, T.
Berry, L.
Bertetti, J.
Bertiz, H.
Bey, Lois
Bielfedt, P.
Binzel, P.
Birdsall, L.
Blake, D.
Black, G.
Blizzard, J.
Bodle, W.
Bogie, H.
Bolduc, Jr.
Borg, A.
Borsuk, W.
Boyd, Jr., D.
Brabets, R.
Bradford, P.
Brandquist, R.
Brauning, J.
Brazelton, W.
Brinker, W. E.
Broughton, D.
Brown, D. R.
Brown, J. N.
Bulkley, W.
Burk, Wm.
Burmeister, W.
Bush, M. H.
Butterworth, G.

C
Carlson, R.
Carr, N.
Carrell, P.
Charman, W.
Clarke, R.
Clarke, Wm. C.
Clements, P.
Coates, R.

Downing, R.
Dudley, R.
Duffey, H.
Du Temple, O.

E
Eads, J.
Egar, Jr., W.
Eggers, K.
Eldred, N.
Elliott, M.
Ellis, E.
Eshbaugh, C.
Eshbaugh, R.
Everson, C.

F
Falk, G.
Feldkirchner, H.
Finch, R.
Fineman, P.
First, J.
Fitz Simon, R.
Fitzpatrick, J.
Foale, J.
Fochtman, E.
Forrester, J.
Forsythe, Jr., Wm.
French, D.
Fuente, H.
Fujimoto, M.

G
Galambos, R.
Gardner, H.
Gavin, A.
Gerlach, G.
Gilbert, Jr.
Gillece, C.
Goodman, E.
Goodman, G.

Hennig, H.
Hickman, C.
Higgins, R.
Hiemer, G.
Hock, Jr., W.
Hoff, G.
Holland, C.

I
Idaszak, L.
Illich, Jr., G.
Isenstein, J.

J
Joffe, M.
Johannsen, A.
Johnson, R.
Jones, R.
Jonke, A.

K
Kapecki, A.
Karazija, R.
Kates, W.
Katz, W.
Ketterson, J.
King, J.
Kintner R.
Kirsh, D.
Klaphaak, P.
Kohler, H.
Krabbe, E.
Kronseder, J.
Krutty, S.
Kubu, S.

L
Lambert, C.
Larrison, Jr., T.
Larson, H.
Lawley, J.
Lawroski, S.

This year
number "59
of the 59
the oldest

Yes, it's
any AICHE
1925. New
honors for
full seven
year of bi

Of course,
list has s
is good, b
over 1200.
located in
city hall).

Here's some
averaged on
this is low
out for eve

You have al
organizatio
much do I f
all the che
education a
only may lo
out to the
contact wit

Perhaps som
the topics
Better stil

Mc

McCauslan, G.
McCurdy, H.
McDaniel, R.
McEacheron, W.
McHenry, K.
McPherson, W.

N

Naef, U. G.
Narta, R.
Nelson, C.
Nelson, L.
Neuman, J.
Newman, B.
Newman, H.
Nielsson, F.
Nielson, M.
Nill, R.
Nolting, H.
Nyland, H.

O

O'Brein, L. J.
Olah, J.
Opila, R.

Ruthruff, R.
Ryant, Jr., C.
Rymarz, T.

S

Sachs, J.
Sanders, M. D.
Sarasin, B.
Saroian, L.
Satas, D.
Schaffner, R.
Schenk, B.
Schliem, R.
Schmid, G.
Schmidt, A. L.
Schmitt, R.
Schommer, J.
Schraidt, J.
Schreck, R.
Schultz, T.
Schwieger, A.
Seefeldt, W.
Selund, R.
Seveland, C.
Sevilla, E.
Sherman, M.
Simon, L.
Slovachek, R.
Smith, C. H.
Smith, E. F.
Smith, J. F.
Smith, K. A.
Solari, J.
Sourelis, S.
Sowers, B.
Stanley, Jr., W.

Velguth, F.
Vellines, R.

W

Wagner, R.
Wahlgren, A.
Wallace, M.
Wallner, N.
Watkins, W.
Watson, J.
Watson, K.
Watson, W.
Watters, W.
Wechter, F.
Weidemier, G.
Weinstein, S.
Wilder, A.
Wilhelm, E.
Winkler, A.
White, L.
Witt, J.
Woerfel, J.
Woertz, B.
Wolkoff, J.
Wood, L.

Y

Youngquist, O.
Yount, Jr., C.

Z

Zahray, W.
Zamzow, W.
Zeigler, A.
Zinn, R.

WE'RE THE OLDEST OF THEM ALL!

9.

This year - 1959 - marks the Chicago Section's 34th anniversary. The number "59" takes on special significance too. Did you know that out of the 59 local sections in the Institute (as of June, 1958) we are the oldest of them all?

Yes, it's true. A glance at the listings of the local sections in any AIChE directory will prove it to you. Our section was formed in 1925. New Orleans and the Philadelphia-Wilmington sections share the honors for second oldest, both having been established in 1932 -- a full seven years later. St. Louis and New York rank third, their year of birth being 1933. So you see, we are "pioneers".

Of course, we've come a long way during these 34 years. Our membership list has steadily grown. Last year we had 560 paid-up members. This is good, but not nearly good enough. Our current mailing list is over 1200. This is the number of AIChE members (national) that are located in our geographical area (within a 50 mile radius of Chicago's city hall).

Here's something else: Our attendance during the '57-'58 season averaged only 109 per meeting. Compared to our total membership, this is low. It is my opinion that we should have at least 200 turn out for every meeting.

You have all heard of the expression, "You get as much out of an organization as you put into it". Ask yourself the question: "How much do I put into AIChE?" No one can live in a vacuum - least of all the chemical engineer. An engineer must always continue his education and professional growth. Being an AIChE member in name only may look good on a job application, but that's about all. Come out to the next meeting. Broaden your outlook, expand your personal contact with your fellow-engineers, and have a good time doing it!

Perhaps some of you don't like the way the meetings are conducted or the topics that are presented. If so, why not tell us about it? Better still, why not get on a committee and DO something about it!

(continued on page 10)

Mc
McCauslan, G.
McCurdy, H.
McDaniel, R.
McEacheron, W.
McHenry, K.
McPherson, W.

Ruthruff, R.
Ryant, Jr., C.
Rymarz, T.
S
Sachs, J.
Sanders, M. D.
Sarasin, B.

Velguth, F.
Vellines, R.
W
Wagner, R.
Wahlgren, A.
Wallace, M.
Wallner, N.

10.

FROM THE CHAIRMAN (CONT'D)

You will also be interested to know that the income of the national is received as follows:

Dues and Entrance Fees	36.19 per cent
Magazines	61.39 per cent
Investments	0.78 per cent
Others	1.64 per cent

We were pleased to announce at our section meeting that the Vocational Guidance Committee under the chairmanship of John Anderson has arranged a series of television programs on Channel 11 depicting the role of Chemical Engineers in various industries. Six programs are to be televised, the first one from 9:30 P.M. to 10:00 P.M. Thursday, January 8, 1959. Tell your friends and especially those who may be interested in Chemical Engineering to watch.

We will take this opportunity to wish you all a

"HAPPY AND PROSPEROUS NEW YEAR"

---G. E. Bailie

WE'RE THE OLDEST OF THEM ALL! (CONT'D)

Don't be content with just paying your dues or attending a few meetings now and then. There is much more to AIChE than that. If you really stop and think about it, your active participation in local section activities can be one of the biggest contributions that you can make to your own professional growth.

So let's try to make '59 a banner year for the Chicago section. We know we're the oldest, now let's try to be the biggest and the best -both in membership and attendance!

---T. F. Meinhold

MAIL THE ATTACHED RESERVATION CARD NOW
or telephone

E. E. Tarika, Reliance 5-1234, Ext. 662

The fr
listed
Spray
Chicag

Corn B
R. H.
and J.

H. F.
charte
Illino
vancin
opment
chapte
on "La
Delawa

New ac
Nation
from E
former

Illino
Novemb
the Te
of Pet
of U.S
on "Ch
G. Ill
Engine
Dr. H.

Eimco
for Li
Instru
on "Di
Southw

The first news to come in from the Cincinnati Meeting of the AIChE listed J. F. Tourtellati of Swenson Evaporator as Chairman of the Spray Mechanisms Symposium. John was formerly a member of the Chicago Section, and is now living in Detroit.

Corn Products personnel attending the Cincinnati Meeting included R. H. Rogge, J. E. Dlouhy, A. A. Winkler, W. G. Burk, J. L. Donahue and J. W. Almlof.

H. F. Nolting (Standard Oil) had the honor of presenting the chapter charter to the new Central Illinois Chapter of the AIChE at Decatur, Illinois on October 29. A promotion at Standard had P. Schmidt advancing to Group Leader in charge of plastics evaluation and development work. On December 4, A. L. Conn addressed the Illinois Tech chapter of Phi Lambda Upsilon. He discussed Standard's wartime work on "Large Scale Separation of Boron Isotopes". G. P. Olson (Univ. of Delaware) has joined Standard's staff.

New additions to the Chemical Engineering Division staff at Argonne National Laboratory are D. Pierce (Ph.D., University of Michigan) from Babcock and Wilcox and J. Hesson (Ph.D., Illinois Tech) who was formerly Assistant Director of Research for the Cardox Corporation.

Illinois Tech conducted four graduate seminars during the month of November. The speakers and their subjects were: H. Vermillion of the Texas Company's Research Labs in Beacon, New York on "Adjustment of Petroleum Refining Techniques to the Octane Demand", Dr. Agarwal of U.S. Steel's Research and Development Center, Monroeville, Pa., on "Chemical Engineering Pilot Plant Studies in Steel Production", G. Illich of Abbott Laboratories on "Some Aspects of Pharmaceutical Engineering", and W. R. Simmons of Argonne Labs (substituting for Dr. H. Monson) on "Reactor Engineering".

Eimco's Dr. D. A. Dahlstrom gave a talk on "Process Design and Control for Liquid-Solids Separation" before the Chicago Section of the Instrument Society of America. E. Vrablik (Eimco) presented a paper on "Dissolved Air Flotation of Sanitary and Industrial Wastes" at the Southwest Regional Meeting of the ACS in San Antonio, Texas.

American Institute of Chemical Engineers
Chicago Section
Mr. T. F. Meinhold, Secretary
Putman Publishing Company
111 East Delaware Place
Chicago 11, Illinois



MR. ROBERT L. OPILA, AICHE
CORN PRODUCTS REFINING CO.,
BOX 345,
ARGO, ILL.

TIME VALUE

Form 3547 Requested

PERSONAL NEWS (CONT'D)

Four members of Amoco Chemical's staff attended the Chemical Market Research Meeting in St. Paul, Minnesota, on November 13. They were G. Reiger, G. Eizner, R. Taylor, and R. Carlson. Two other Amoco engineers are temporarily on duty with the Armed Forces. D. Wise is spending 90 days in the Air Force Critical Skills Program at San Antonio, Texas, and J. Mase is with the Army for six weeks.

Mark your calendar to keep the date open
for
The NEXT meeting of the Chicago Section

Date: February 11, 1959

Place: Builders' Club

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

Subject: "Report on the Geneva Atomic Conference,
September, 1958"

(Please Fill in this Card and Mail. No Stamp Necessary)

I plan to attend the _____ meeting at

Please make _____ dinner reservations for me for this meeting.

Signed _____

Address: _____

BUSINESS REPLY CARD

No Postage Necessary If Mailed In The United States

FIRST CLASS
PERMIT No. 81

Whiting, Indiana

—POSTAGE WILL BE PAID BY—

CHICAGO SECTION —

The American Institute of Chemical Engineers

MR. E. E. TARIKA
VISKING CORPORATION
DIVISION OF UNION CARBIDE CO.
6733 WEST 65th STREET
CHICAGO 38, ILLINOIS

