

A  
MERICAN I NSTITUTE OF  
C H E M I C A L E N G I N E E R S

- The Newsletter -

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AIChE Meeting: November 14, 1962

PLACE: International Minerals and Chemical Corporation  
5401 Old Orchard Road  
Skokie, Illinois

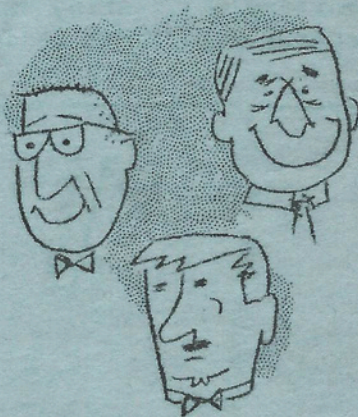
DINNER: 6:30 P.M.

COST: \$3.25 (Paid Members)  
\$3.50 (Others)

SPEAKERS: Mr. W. J. Stanley  
Assistant Director of Air  
Pollution Control for the  
City of Chicago

Mr. Samuel Booras - Chief Chemist

SUBJECT: Present Activities and Future Plans  
for Cleaning up Chicago



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There will be no local section meeting in December. See the October issue of Chemical Engineering Progress for details of the Technical program for the National AIChE Meeting in Chicago, December 2 - 6.

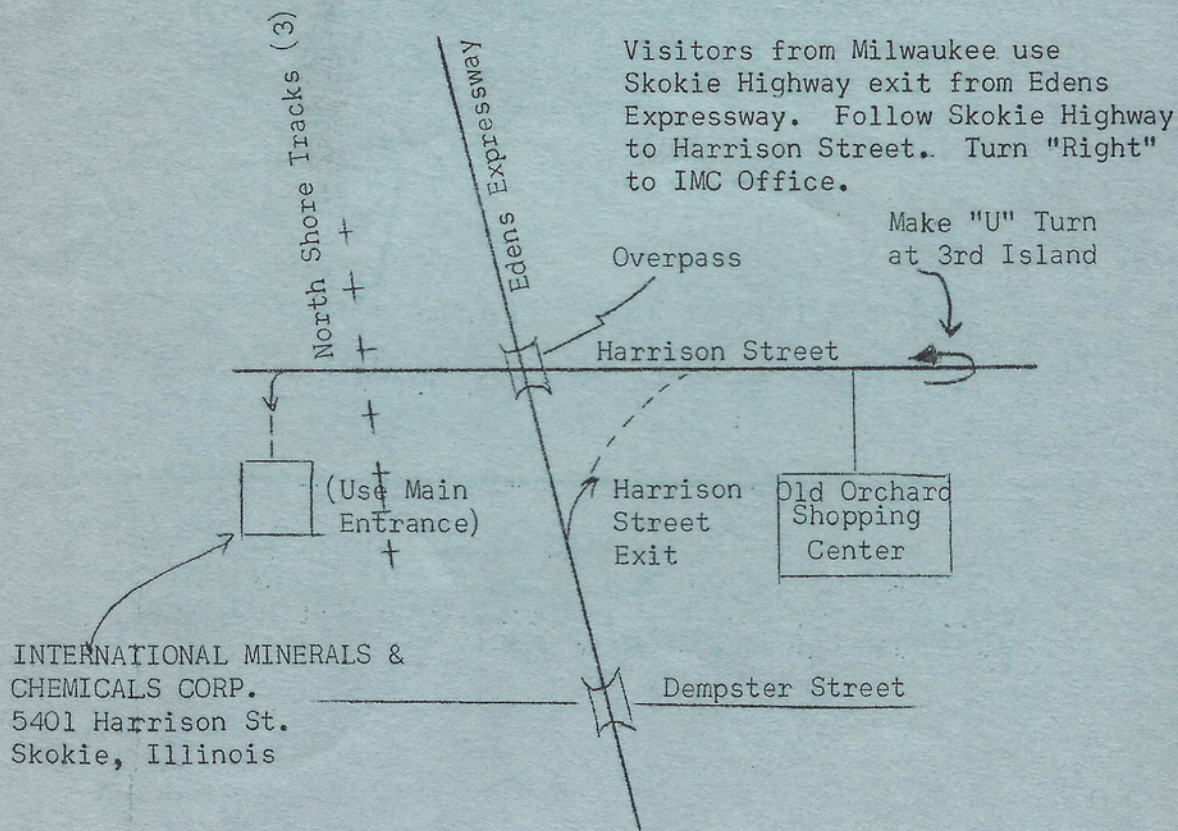


## ABOUT THE SPEAKERS

Mr. Stanley has a B.S. in Mechanical Engineering from the University of Illinois, 1950, and a Masters in Business Administration from DePaul. He worked eight years for the Worthington Corporation in the Heavy Equipment Division. After teaching engineering and doing consulting work, he was Engineering Consultant for the International Trade Fair until he joined the Air Pollution Control Department in 1962. In addition to being active in various engineering organizations, Mr. Stanley is an experienced yachtsman. A member of the Royal Ocean Racing Club, he has navigated in many of the major ocean races in Atlantic, Pacific, Baltic and Mediterranean waters, in addition to the Great Lakes.

Mr. Booras is a Loyola graduate in Chemical Engineering and has been active in sanitary engineering and control work before joining the Air Pollution Control Department in 1962.

### -----DIRECTIONS-----



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## OPENINGS STILL AVAILABLE FOR MEETING POSITIONS

The time for the American Institute of Chemical Engineers National meeting is drawing closer. The dates are December 2-6. However, even at this late date there are still some choice positions available for latecomers who have a burning desire to contribute a small amount of time and/or effort to the cause.

Bob McDaniel is looking for help on the Hotel and Meeting Rooms Committee. Here is your chance to learn the hotel business from the penthouse down. Bob can be reached at American Oil Company, 910 S. Michigan, Chicago 80, Illinois. His phone number is 431-5098.

If you have a desire to meet people from New York, Los Angeles, and all points in between, your big chance awaits you on the Host Committee. Get in touch quickly with Bill Clarke at Amoco Chemicals Corp., 130 E. Randolph, Chicago, Illinois. Bill's phone is 467-6161.

Does your wife need a day off? If so, volunteer her services to the Ladies Committee. It will give you a real glow to know that your wife is doing her bit to make others happy. Mrs. Gordon Weyermuller is the person to contact at 1308 Ritchie Court, Chicago 10, Illinois. Her phone number is MO 4-4050.

Another spot for you to see how a National Meeting should be run is from a vantage point on the Plant Tours Committee. Chicago has the biggest and best of all plant tours, so see Al Wilcox at Fuente and Webster, Inc., 549 W. Randolph Street, Chicago 6, Illinois, or call him at DE 2-3764.

If by any chance you do not feel that the above committees exactly fit your talents, but you would still like to wear a committee ribbon, call or write to the man in charge and I am sure that he will be able to place you where you will be happy. The General Chairman is Bill Alford, Pure Oil Company, Crystal Lake, Illinois. His phone is 815-459-1600.



## VOCATIONAL GUIDANCE COMMITTEE

The Vocational Guidance Committee, as its name implies, has the responsibility for informing the high school students in this area about the opportunities in Chemical Engineering and consulting with those students who desire more information about Chemical Engineering.

This committee was founded 12 years ago with the purpose of describing and promoting chemical engineering to both adults and high school students. A speakers bureau was organized whose function was to speak before interested adult and high school groups. Since then the committee has narrowed its objectives to working with high school and college students in an effort to aid them in furthering their careers. Occasionally an effort is made to offer vocational guidance through a mass media. One committee's highlight took place about 4 years ago when a series of five programs about chemical engineering was televised. Sponsored jointly by the AIChE and local industries, these programs described the role of the chemical engineer in four major industries.

Presently the committee is conducting a campaign to speak before interested high school groups. All of the high schools in Chicago and the surrounding area are being contacted with offers to present an informative program on Chemical Engineering as a career. These programs have generally consisted of a short film on Chemical Engineering followed by a speech and a question and answer period. Other committee activities consist of members counseling students both as part of a career day program and on an individual basis.

The committee is also working with local universities and is responsible for selecting the recipient of the Harry McCormick Award for outstanding Chemical Engineering students at Northwestern Univ. and I.I.T. Efforts will also be made to setup panel discussions with the student AIChE chapters at the local universities.

The committee, as all AIChE committees, needs your support and assistance. Anyone who wishes to contribute his ideas or his service, please contact:

Mr. Ed. Moczek, Phone 338-1600, Ext. 481  
Abbott Laboratories, 14th & Sheridan, North Chicago, Ill.

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## ENGINEERING SOCIETIES JOINT COMMITTEE

The Joint Engineering Societies, which each year sponsors Chicago Engineer's Week and the banquet highlighting the week, has voted to reform itself into a permanent committee. Each member society would have two representatives on this committee, one of whom would be a member of the executive board of the society and the other a member of the public relations committee. The purpose would be to promote a year long public relations effort, culminating in Chicago Engineers' Week. The first objective of the new committee will be to try to join with the Washington Award Commission of the Western Society of Engineers in sponsoring a combined banquet highlighting Engineers' Week rather than having each group sponsor a separate banquet. This is being considered by the Commission. Further objectives, and a name for the new group are being studied.

The societies represented on the board are:

- AIChE (American Institute of Chemical Engineers)
- AIEE (American Institute of Electrical Engineers)
- AIME (American Institute of Mining, Metallurgical & Petroleum Engineers)
- ASCE (American Society of Civil Engineers)
- ASME (American Society of Mechanical Engineers)
- ISPE (Illinois Society of Professional Engineers)
- SAME (Society of American Military Engineers)

AIChE representatives on the committee are J. L. Donahue and H. C. Thorne, Jr.

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PAY YOUR DUES : If you have not paid your dues, please use the enclosed envelope to forward your check or money order - TODAY. The section is depending on WHY OWE YOU .....

If your dues have been paid, please disregard the envelope.



"...WHAT YOU CAN DO FOR YOUR COUNTRY"

J.F.K.

Last year the Board of Directors of the Chicago Section of the AIChE authorized for the first time a test program to see if the section could in any way give foreign students attending local universities a better understanding of the United States. This program consisted of inviting these students into the homes of members of the section at various times during the year, but especially during holiday periods when campus activities were likely to be at a standstill.

Because of the success of last year's program, the interest and cooperation of many members and the continued importance of such a program, plans are underway again this year for continuing invitations to these students. It is hoped that through such visits the students might become more familiar with U.S. customs, standards of living and ideals. Similarly, it is anticipated that the members will become better informed on the customs of these countries and the important problems facing them, and that lasting friendships might well result between engineers of similar professional interests. Furthermore, the educational value to any children in the member's family is naturally of significant importance.

Members desiring to participate in the program, are invited to fill out the attached form and mail as directed below. A committee member will call and acquaint you with the particulars and make appropriate pairings keeping in mind whatever preferences you might have.

Mail to:

Norman H. Scott  
Universal Oil Products Company  
P.O. Drawer "C"  
Riverside, Illinois

MAKE YOUR RESERVATION NOW!

MAIL THE ATTACHED RESERVATION CARD OR CALL: BEN JOHNSON, at  
431-6538

FOR MULTIPLE RESERVATIONS, PLEASE INDICATE NAMES OF ALL PARTIES.

I am interested in  
further information

I am interested in

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Home \_\_\_\_\_  
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I am interested in the Foreign Students Program and would like further information \_\_\_\_\_

I am interested in entertaining Foreign Students in my home \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Home Phone \_\_\_\_\_  
Business Address \_\_\_\_\_  
Business Phone \_\_\_\_\_  
Nationality Preferred \_\_\_\_\_  
Dates Preferred \_\_\_\_\_  
Dates Inconvenient \_\_\_\_\_

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#### PERSONAL NEWS

ABBOTT LABORATORIES - Reporter: J. R. Coates

R. C. Barnes has been promoted to Manager, Process Engineering Services, in the Engineering Department. J. R. Coates will supervise the Process Engineers serving the Antibiotic and Chemical Manufacturing Areas. J. E. Grochowski is now coordinator of all overseas engineering activities.

R. S. Frye presented a paper before the Production & Engineering Section of the Pharmaceutical Manufacturers' Association at White Sulphur Springs, covering the total problem of disposal of wastes from pharmaceutical and chemical manufacturing operations in a company such as Abbott Laboratories.

A large number of our Chemical Engineers attended a ten week in-plant course in Analog Computation.

Vipin Shah recently became a member of the Development Engineering Department. Dr. Shah received his Ph.D. from the University of Wisconsin.

(continued)



A. L. Heiser has transferred from the Development Engineering Department to the new position of Technical Advisor in the Introvenous Solution Manufacturing Department.

AMERICAN OIL COMPANY - Reporter: M. F. Oxenreiter

C. H. Samans discussed "The Materials Engineer" before engineering groups at Purdue and the University of Colorado.

#### Advanced to New Positions

Research Associates: C. G. Frye and W. F. Pansing  
Senior Research Supervisor: R. L. Yahnke  
Senior Research Engineers: J. L. Gorman and R. J. Toman  
Senior Project Automotive Engineer: W. W. Frank  
Project Chemical Engineers: R. W. Carl and E. D. York

#### Recent Staff Additions

Chang W. Chi, S.M., M.I.T.  
John W. Dittrick, M.S., St. Johns University  
William H. Emrich, B.S., Illinois  
Roy E. Hook, B.S., Trinity University, Texas  
John Maniotes, Ph.D., Purdue

Professor D. W. Van Krevelen, Executive Vice President of A.K.U.C. (Holland) and Extraordinary Professor of Chemical Engineering at the University of Delft, recently spoke on "Selectivity of Chemical Conversions and its Consequence for Optimization."

L. L. Czyzewski has been transferred from R. and D. to the Comptroller's Department in the Chicago office.

H. A. McCandless has been transferred from the Eldorado Refinery to R. and D. at Whiting.

L. R. Tenner has transferred from Amoco Chemicals to R. and D. at Whiting.

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ARGONNE NATIONAL LABORATORY - Reporter: I. G. Dillon

Dr. R. C. Liimatainen of Argonne National Laboratory's Chemical Engineering Division has received a one-year Fulbright Award as a Research Scholar in Nuclear Engineering. He will do an experimental study of high temperature metal-water reactions in the field of nuclear safety of water-cooled reactions. He began work in September at the Finland Institute of Technology at Otaniemi, near Helsinki.

AUSTIN COMPANY - PROCESS DIVISION - Reporter: T. Sloan

Rex Wingard gave a talk at the A.O.C.S. meeting in Toronto on Oct. 2, 1962, entitled "Reducing Utility Costs in Solvent Extraction Operations." Harry Betzig attended.

CITIES SERVICE OIL COMPANY - Reporter: F. L. Zellner

Mr. E. W. Ellis, Chief Chemist at the East Chicago Refinery of Cities Service Petroleum Company, died of a heart attack on September 16, 1962, while on vacation in Canada with his wife.

EIMCO CORPORATION - Reporter: C. F. Cornell

Phillip Dlouhy Chemical Engineering graduate from Northwestern Univ., has recently joined the R. and D. Staff of the Eimco Corporation at Palatine. Phil will be working in the Equipment Applications Evaluation Department.

Dr. Don Dahlstrom has been extremely busy as usual. He has recently spoken before the local AIChE sections in Terre Haute, Indiana; Detroit, Michigan; Western Massachusetts; Cincinnati, Ohio; Louisville, Kentucky; and Central Ohio on "Recent Chemical Engineering and Economic Developments in Europe" and Recent Advances in Continuous Filtration."

GREAT LAKES CARBON CORPORATION - Reporter: M. Kaplan

Bill Bachmann is running on the Republican Ticket for Commissioner of Lake County, Indiana. He has considerable experience as a Project Manager. If you live in Lake County, your vote would be appreciated.



ILLINOIS INSTITUTE OF TECHNOLOGY - Reporter: Dr. O. Levenspiel

Dr. R. E. Peck is on leave for one year. He is teaching in Haifa, Israel. Dr. Bernet S. Swanson is Acting Chairman of the Chemical Engineering Department.

INTERNATIONAL MINERALS & CHEMICALS CORPORATION - Reporter:  
R. E. Tuttle

International Minerals and Chemical Corporation, Skokie, Illinois, has added to their Technical Group the following engineers:

Mr. Thayer Rudd	Dr. R. E. Wilson
Mr. L. A. Barry	Mr. Peter Reisner
Mr. Richard Lawrence	

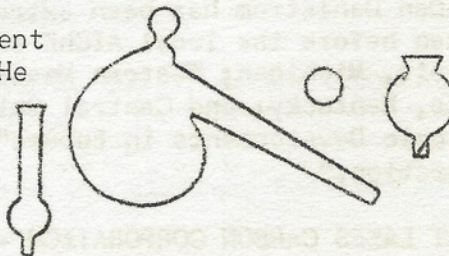
NORTHWESTERN UNIVERSITY - Reporter: W. F. Stevens

G. G. Lamb is visiting lecturer at the University of Khartoum, Sudan, under a cooperative agreement between that university and Northwestern sponsored by the State Department.

J. C. Slattery was invited to attend a three-week summer conference at Princeton University on "Non-Ideal Mechanical Behavior of Solids and Liquids" for college teachers of Engineering, Applied Mathematics and Physics, sponsored by N.S.F.

W. F. Stevens and Lillian Fort were married on June 29, 1962.

Young Gul Kim will join the department as Assistant Professor this fall. He received his Doctor's degree from Princeton. His special field of interest is Reaction Kinetics.



D. R. SPERRY AND COMPANY -

C. H. Mohr recently addressed the Clinton, Iowa Engineers Club on the subject "The Selection and Use of Filters."

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TEXACO, INCORPORATED - Reporter: B. L. Sowers

George Griffiths, Chemical Engineer, Iowa State, 1962, has finished his training program and is working in the Process Engineering Dept. George will join Uncle Sam's forces in December for two years and hopes to return to Texaco a well-rounded man.

UNION CARBIDE CHEMICALS COMPANY - Reporter: F. E. Thompson

In September, 1962, Mr. P. J. Klaphaak Was transferred to the Union Carbide Chemicals Company Marketing Group in New York. Pete, his wife Vickie, and his children Peter and Nancy, are busy selling their home in Riverside, Illinois and making the necessary preparations for moving.

VICTOR CHEMICAL WORKS - Reporter: A. Hodell

Dallas Butcher, who received his degree of Bachelor of Science in Chemical Engineering from Purdue University, Lafayette, Indiana, in 1956, and Arthur E. Davis who received his degree of Bachelor of Science in Chemical Engineering from Tri State College, Angola, Ind., have joined the Victor Chemical Works Division of Stauffer Chemical Company as Plant Engineers in the Chicago Heights, Illinois plant.

WITCO CHEMICAL CORPORATION - Reporter: K. L. Schoenrade

Coming back from vacation we found: Joe Hejl had been promoted to Plant Manager at the Clearing Plant. Bill Hauser was appointed Manager of the newly-formed Corporate Wide Process Engineering Group and has already added Ed Dost and Duane Celarier to the growing staff of Process Engineers.

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ABSTRACT OF MINUTES OF THE 239th MEETING OF THE CHICAGO SECTION

After opening remarks from Harry Betzig, chairman of the Chicago Section, Dan Dahlstrom was introduced. Don, who is a candidate for Vice-Pres. of the AIChE, spoke briefly on the financial problems facing the National. Chairman Betzig asked the group to support Don in his bid for the national office and also to vote for the four candidates for director that our section has agreed to support. They are Ted Burtis, Lawrence Coulthurst, Blaine Kuist and Em Lyons.

Bitzig asked the meeting to approve the omission of the reading of minutes at local section meetings, in favor of printing a resume in



the Newsletter. Approval was given.

The speaker for the evening, John Verlenden, Director of Safety and Loss Prevention Activities at Abbott Laboratories, spoke on the role of the Safety Engineer. He emphasized that the Safety Engineer must be an expert, and should see that safety is designed into equipment so that an operator can make a mistake without it costing his life. His job is to control both frequency of accidents and costs, because the results are measured in dollars. In answer to a question, Mr. Verlenden stated that the trend in compensatory payments for accidents is toward higher amounts and broader coverage.

Attendance at the meeting was 143.

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L. O. Stine

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Fred Becker  
Visking Company  
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Chicago 38, Illinois

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