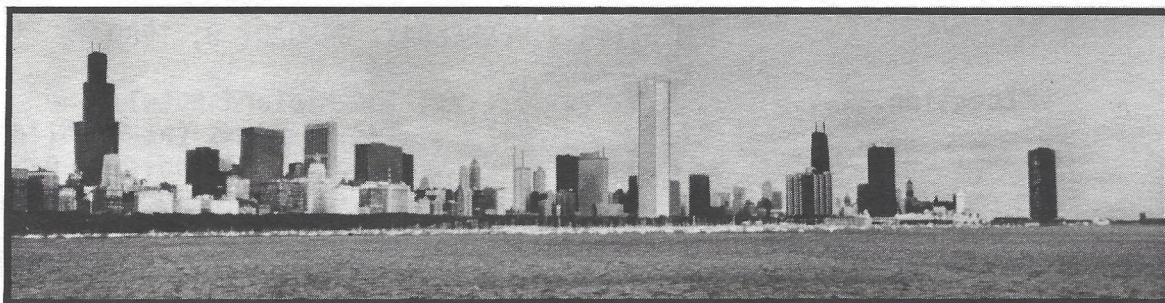


NEWSLETTER



86 EAST RANDOLPH ST.
CHICAGO, ILLINOIS 60601

CHAIRMAN'S MESSAGE

Last September when we began our 54th year of the Chicago Section, AIChE, Dick Larrison was the chairman. However, in the meantime his company (Union Carbide Films & Packaging Division) offered Dick a new position which took him away from the Chicago area to Jacksonville, Florida, effective October 1,

After the September meeting, a special Board Meeting was held to pick a successor to Dick as Chairman. The Board selected the Chairman-Elect to serve the unexpired term as Chairman, and the Past Chairman to serve as Chairman-Elect Pro-Tem. That means that both a Chairman and a Chairman-Elect will be elected next May.

This brings us to the CHAIRMAN'S MESSAGE FOR 1980 by wishing all National and Local Section Members a prosperous decade ahead with the fulfillment of all of your professional aims and goals.

Our Program Committee has an exceptional list of programs for the coming year. If you have any suggestions about topics you would like to have discussed, please let our Program Vice-Chairman, Bill Swift, know.

The Chicago Section will host the 73rd Annual Meeting of AIChE from November 16 to 20, 1980, at the Palmer House and we will need the support of the entire Chicago Section to make this a most successful meeting. We have received names of volunteers willing to help with the Annual Meeting, but we will need many more volunteers to do the work of the various committees.

This year we will make an honest effort to find a job in the Chicago Section for everyone who volunteers his or her time and services to work on one of the committees. Eric Flamm is Chairman of the new Government Interaction Committee that will be reviewing activities in Springfield and Washington, D.C. that might have an effect on engineers and other professionals. If you are interested in this new facet of the Chicago Section activity, please let me know.

We need every one of the approximately 2000 National and Local Section Members to get behind the Chicago Section and support its activities during the decade ahead.

Philip Lindahl, Chairman
Chicago Section, AIChE

MEETING - WEDNESDAY, JANUARY 9, 1980

Location.....The Midland Hotel
172 W. Adams (at LaSalle)
Chicago, Illinois 60603

Social Hour.....5:30 p.m.

Dinner.....6:30 p.m.

Speaker.....Mr. Bertram A. Stone
Attorney

Cost.....\$10.50 members, \$11.50 non-members

Please Note:

Please make your reservations early by calling 236-3036. If not, return the enclosed reservation card by mail.

SOCIAL HOUR, 5:30 p.m.

Host: Xytel Corporation
59 Eisenhower Lane South
Lombard, Illinois 60148
(312)-629-3655

Xytel Corporation designs and fabricates computer-based systems for process re-search: chemical, petrochemical, and energy. These systems are being used for studies related to kinetics, catalysis, catalytic reactions, and process optimization. Specific applications cover coal liquefaction, coal gasification, hydro-treating, hydrocracking, reforming, isomerization, methanation, alkylation, amination, ammoniation, and oxidation.

Xytel's customers include a number of major corporations and research organizations. This year, the Research Institute of Petroleum Processing of the People's Republic of China selected Xytel to build 16 computer-based pilot plants for petroleum refining research. Before the systems are shipped to Peking and Fushun, Chinese staff engineers will be staying at Xytel to participate actively during the testing and debugging phase.

Xytel's systems are modularly constructed for maximum versatility. With this design approach, process functions can be easily added, modified, or replaced in order to meet changing research requirements. All controls are in software, again ensuring flexibility.

Our technology bank has allowed us to develop several "first-of-their-kind" process systems. For example, we are currently completing a computer-based system for geopressured aquifer simulation. This complicated pilot plant is designed to operate with methane and brine at 20,000 psig and 450 °F. The control requirements are severe: gas and liquid flow rates as low as 0.1 cc/hr must be achieved and maintained.

Some companies specialize in high pressure technology, others, in control instrumentation; Xytel is the only company that does both.

DINNER, 6:30 p.m.

Entree: Yankee Pot Roast

AFTER DINNER PROGRAM

Topic: The Nightmare of Product Enterprise Liability

Speaker: Mr. Bertram A. Stone

Mr. Stone graduated from IIT, Chicago Kent College of Law, 1938, LL.B. and J.D. degrees. He is a senior partner of the law firm of Stone, Progrund and Korey. The law firm was established in 1961. He has represented Chicago Electro Platers Institute as general counsel since 1961 and Fabric Salesmen's Club of Chicago since 1950. The firm has a general commercial practice and Mr. Stone specializes in water pollution, OSHA, and liability problems. He has written articles on legal problems arising from purchase and installation of environmental equipment, and product liability in Finishers Magazine and Industrial Finishing Magazines. He is treasurer of the IIT Chicago Kent College of Law Alumni Association.

ST. LOUIS SECTION SYMPOSIUM '80

Symposium '80 is to be held Tuesday, April 15 at the Stratford House in Fenton, Missouri. Numerous technical sessions covering various areas will be held along with a keynote address, banquet, and after-dinner speaker. Technical papers are requested for the following tentative sessions:

Bioengineering
Computer Methods
Energy Technology & Conservation
Engineering in Society
Equipment Design & Scale-up
Heat Transfer
Materials Engineering
Modeling & Simulation
Plant Engineering

Pollution Control
Polymers and Plastics
Process Control & Dynamics
Professional Development
Project Management/Eng. Management
Reactors & Reaction Engineering
Safety and Industrial Hygiene
Separation and Purification
Unit Operation

Please contact Dario Cova, Program Committee Chairman, (314)-694-4676, at an early date if you wish to contribute a paper. A title and short abstract are due by January 21, 1980. If you have any questions regarding other aspects of the Symposium, please call Jim Downes at (314)-694-6769. Watch for additional details in the March newsletter.

JOHN CREAR LIBRARY

The Chicago Section of AIChE supports the John Crear Library on the Illinois Institute of Technology Campus by subsidizing purchase of the AIChE group publications, Plan B. We encourage our members to support the library and to utilize its excellent information resources. Corporate foundations are encouraged to support the library if they are not already doing so.

COUPLES NIGHT -- DINNER/THEATER PARTY

Our annual Couples Night Dinner/Theater party will be held on Friday, February 8, 1980, at the Drury Lane South. The scheduled play is Five Women with Nanette Fabray. Mark your calendar now. Full details will be published in next month's newsletter.

NATIONAL AICHE ELECTION RESULTS

Final results for the election of officers of National AICHE are:

President:	J. G. Knudsen
Vice President:	W. K. Davis
Treasurer:	W. R. Marshall
Secretary:	J. C. Forman
Directors:	J. H. Sanders, L. C. Eagleton, J. A. Buckham and J. P. Sachs

Congratulations to our new officers from the Chicago Section. May you carry on the excellent tradition of your predecessors.



AND
BEST WISHES
FOR THE NEW YEAR



OBJECTIVES OF THE AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

- To advance chemical engineering in theory and practice
- To maintain a high professional standard among its members
- To serve society, particularly where chemical engineering can contribute to the public interest.

This newsletter is published by the Chicago Section of the American Institute of Chemical Engineers. Copy for inclusion in the newsletter must be received not later than five weeks before the next meeting date.

Editor: George McConaghy
Amoco Chemicals Corporation
Post Office Box 400
Naperville, IL 60540
(312) 420-5632