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NGINEERS

- The February Newsletter -

Announcing

t h e C h i c a g o S e c t i o n

1964 SYMPOSIUM

F e b r u a r y 1 0 , 1 9 6 4

S H E R M A N H O U S E

p r i c e -

technical session
members.....\$4.00
non members...\$4.00
students.....\$1.00

banquet
members.....\$6.00
non-members...\$7.00
students.....\$4.00

BANQUET WITH DR. JOHN MC KETTA AS SPEAKER
CLIMAXES ONE-DAY SYMPOSIUM

After an afternoon of facts and figures a real change of pace will be offered for the evening portion of the AIChE symposium. A social hour with cocktails included will precede the banquet and begin the evening's festivities. After the banquet Dr. J.J. McKetta will take you out of the realm of technical material with a talk on an entertaining subject: "It's Easy to Make Your Friends Think You're Smart."

Dr. McKetta, past president of the AIChE and presently Dean of Engineering at the University of Texas, is a speaker known for his ability to hold your interest with humor while conveying a timely and thought provoking message. With tongue in cheek he says, "I will try to advise the audience on how to prepare technical articles and books in such a manner that no one can really understand them."

A statement like this from the Dean of Engineering of a leading university assures the audience of an evening of laughs and surprises. With over 100 articles and three books to his credit, Dr. McKetta has a good background from which to bring engineering report writing to task.

During his tenure of office as president he crossed the country talking to local sections. At the National AIChE convention in Chicago in 1962 Dr. McKetta attracted a record breaking crowd to the president's luncheon at which he spoke. Dr. McKetta received his education in the Midwest, earning his B.S. at Tri-State College in Indiana in 1939 and continuing on for his M.S. and PhD degrees at the University of Michigan. Since then he has combined a career of education with journalism. From 1949 to 1951 he taught at the University of Texas. Subsequently he became managing editor of Petroleum Refiner Magazine. In 1953 Dr. McKetta returned to the University of Texas as department head but remained on the staff of Petroleum Refiner as associate editor. Last year he rose to his present position as Dean of Engineering.

PROGRAM SCHEDULE

Symposium --
Two sessions

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PROGRAM SCHEDULE for One-Day Symposium

Symposium -- 1:30 to 5:30 P.M.
Two sessions held concurrently

Session No. 1 -- Automation in Process Development

- (a) "Increasing Productivity in Pilot Plant Operations Through Automation" -- a discussion presented by R. A. Lengemann, Universal Oil Products Company
- (b) "Data Gathering System Links Many Pilot Plants to One Computer" -- M. O. Gernand, Esso Research Laboratories, Humble Oil and Refining, Baton Rouge
- (c) "Application of Special Purpose Analog Computers In Process Control" -- Jerome Grader, Taylor Instrument Company, Rochester, New York
- (d) "The Use of Control Computers to Collect and Analyze Data in Pilot Plant and General Research" -- Dr. Kenneth Wolf, International Business Machine Company, Chicago

Session No. 2 - "Economic Evaluation of Research and Development

- (a) "What Is Expected of Research and Development?" Dr. Charles Brown, Vice President, United States and Canadian Operations, Abbott Laboratories
- (b) "Evaluation of Projects and Their Relative Worth for Research and Development" -- Dr. Robert J. Smith, Sr., Sinclair Co.
- (c) "Government Financed Research in Industry's Research Laboratories" -- Dr. E. H. Schultz, Executive Vice-President and Director, IIT Research Institute
- (d) "Impact of Corporate Research and Development on Stock Market -- Peter Sawers, Manager of Investors' Service

PROGRAM, IIT RESEARCH INSTITUTE

Social Hour -- 6:00 to 6:30 P.M.
Cocktails included in cost of banquet

Banquet -- 6:30 P.M.

Banquet Speaker -- Dr. J. J. McKetta
Dean of College of Engineering
University of Texas

Subject -- "It's Easy to Make Your Friends Think
You're Smart"

Cost: Technical Sessions

Members and non-members \$4.00
Students \$1.00

Banquet

Members \$6.00
Non-members \$7.00
Students \$4.00

For reservations call Ed Vrablik, Swift & Co. 431-2304 or Dick Thurston, Corn Products, PO 7-1700. If you have not received special mailing, tickets are available at the door.

HARRY MC CORMACK AWARD TO BE PRESENTED

Each year at this time, the Chicago Section bestows the Harry McCormack award to the most deserving senior chemical engineering student at Northwestern University and IIT. Don Dahlstrom, President of the AICHE, will make this year's presentation to Robert J. Kilian of Northwestern and Christopher T. Hill of IIT at the 1964 Symposium banquet. This award named after one of the early pioneers in chemical engineering, founder of the chemical engineering department at IIT and charter member of the Chicago Section, will be granted on the basis of both scholastic endeavor and extra curricular activities.

LET'S BREAK THE SECTION'S MEMBERSHIP
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Get your Friends to Join!

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MINUTES OF THE JANUARY MEETING

The 249th meeting of the Chicago Section AICHe was held at the Builders Club on January 8, 1964 with 107 members and guests in attendance. Chairman L. O. Stine opened the meeting and thanked the social hour sponsor, Schutte and Koerting. He remarked that this meeting represented the annual "Foreign Student Nite." Norman Scott, chairman of the International Relations Committee introduced the section's guests: four students from India, China and Japan who are studying chemical engineering at local schools.

J. C. Forman informed the group that the next meeting of the section would be the One-Day Symposium to be held in the Sherman House and gave a brief description of the program. Chairman Stine mentioned that the section would support the candidacy of E. Lyons of American Oil Company for National AICHe Director in the coming year. R. L. Opila will serve as campaign manager.

Mr. Opila introduced the speaker of the evening, President of the AICHe Dr. Donald A. Dahlstrom. Dr. Dahlstrom spoke on "International Relations, A. New Dimension in Chemical Engineering" and described the role engineering technology is playing in international relations. The meeting adjourned at 8:50 P.M.

MINUTES OF THE SECOND BOARD OF DIRECTORS MEETING - December 12, 1963

1. It was voted that the Chicago Section support E. Lyons as candidate for director of AICHe.
2. A.A. Winkler, membership chairman, reported a total of 500 members to date with great hopes of reaching 600 for the year.
3. A schedule of meetings for the 1964-65 season was discussed. Four meetings at the Builders Club, one at the Villa Moderne (north), one at Vogel's (south) and a Ladies Night were tentatively agreed upon.
4. D.A. Dahlstrom presented his arguments for the National AICHe proposal requiring local section members to be national members. No action was taken on this measure because of the lack of a quorum.
5. D.A. Dahlstrom asked for contribution for the vocational guidance film being prepared by the National. \$49,000 of the \$60,000 cost has been donated. Action was deferred.
6. W.A. Watkins reported on the Illinois Engineers Council deliberations regarding tripling dues of all member organizations. No action was taken.

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PERSONAL NEWS

AMERICAN OIL COMPANY

Mr. R. O. Carlson is being transferred from Whiting's Planning and Scheduling Division to the Chicago office. He will work in American's Comptroller's Office.

Mr. R. Gombas is the proud father (again) of a new girl -- lucky child No. 7 in the Gombas clan.

CHEMICAL PROCESS MAGAZINE

John McCallion has recently joined the staff of CHEMICAL PROCESSING as an Assistant Editor. John came to us from Kaiser Aluminum & Chemical Co. in Ravenswood, West Virginia, where he was a Production Area Supervisor. Prior to his Ravenswood position, he served as a staff engineer at Kaiser's Spokane, Washington works. John earned his BSChE from Drexel Institute, Philadelphia.

CORN PRODUCTS COMPANY

Steve O'Flaherty, Dale Cook, Dick Benes and Dave Gaichas attended the Houston meeting recently.

EIMCO CORPORATION

Don Dahlstrom attended the Engineers' Joint Council Meeting in Washington, D.C., January 14-16.

ILLINOIS INSTITUTE OF TECHNOLOGY, Department of Chemical Engineering

The following members of the Department of Chemical Engineering participated at the 56th Annual Meeting of the American Institute of Chemical Engineers at Houston, Texas, December 1-5, 1963:

Dr. Ralph E. Peck, Professor, Director of the Department

Dr. Robert C. Kintner, Professor

Dr. Kwang-Chu Chao, Associate Professor

Dr. Herbert Weinstein, Assistant Professor

Dr. Stuart Leipziger, Graduate Student

Dr. Kintner

Dr. Weinstein
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Mr. Leipziger
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Dr. Kintner was chairman of two symposia on "Bubble and Drop Phenomena."

Dr. Weinstein presented a paper entitled "The Effect of Mixing on Conversion in Continuous Chemical Reactors," (with Dr. Robert J. Adler, Case Institute of Technology, as co-author).

Mr. Leipziger presented a paper entitled "Non-Uniform Cooling of a Heat-Generating Cylinder or Sphere", (with Dr. Walter Fagan, formerly of Illinois Institute of Technology, as co-author).

Recently Dr. R. J. Adler (Case Institute of Technology) spoke at a seminar on "Non-Linear Algebra" and Dr. K. E. Mumme (University of Maine), on "Modern Applications of Analog Computers in Process Control."

Dr. Bernet S. Swanson, Professor, represented the department as Counselor at the 1963 Chemistry Careers Conference (sponsored by the Chemical Industries Council) held at the Pick-Congress Hotel on December 16.

Dr. Herbert Weinstein, Assistant Professor, acted as a discussion leader at the "1963 National Youth Conference on the Atom", also held at the Pick-Congress Hotel on November 7-9.

UNION CARBIDE CORPORATION, Chemicals Division

Rodney Matasovsky transferred to the Whiting plant from the Silicones Division plant at Long Reach, West Virginia. He will be working with the Olefins Production Department.

VICTOR CHEMICAL WORKS, Division of Stauffer Chemical Co.

A son, Steven James, was born to Mr. and Mrs. James Pyer on December 17.

Bruce Sanfilippo and Theresa Anne Rabalais were married December 28.

Henry Thoeming and Alan Hodel participated in discussion panels at the Chemical Industry Council's Careers Conference for high school students held at the Pick-Congress Hotel in December.

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I plan to attend this month's meeting.

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

Signed _____

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