

A MERICAN I NSTITUTE OF C H E MICAL E NGINEERS

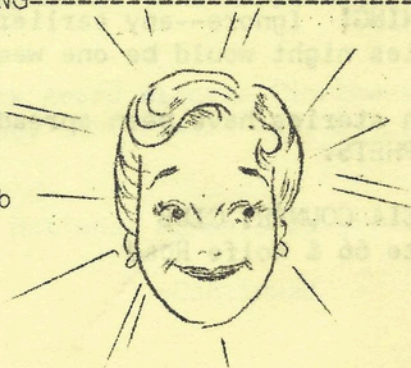
The Newsletter

AICHe Meeting: March 13, 1963
Place: Vogel's Restaurant
1250 Indianapolis Blvd.
Whiting, Indiana
Social Hour: 6:00 P.M.
Dinner: 6:30 P.M.
Sponsor: Universal Oil Products
Cost: (Members \$3.50) (Non Members \$4.00)
Speaker: Mr. Jack Crump
Chief Application Engineer
Nuclear Chicago Corporation
Subject: Density and Moisture Measurement by Nuclear
Techniques

MARK YOUR CALANDER FOR THE APRIL MEETING-----

L A D I E S N I G H T

Date: April 6, 1963
Place: Acacia Country Club
Speaker: To be announced



ABOUT THE SPEAKER:

Mr. Jack G. Crump, Chief Application Engineer of the Nuclear Chicago Corporation, is a graduate of St. Louis University and has a B.S. in Electrical Engineering. He worked for Industrial Nucleonics, Columbus, Ohio, before joining the Nuclear Chicago Corporation. Altogether, he has over 10 years in the field of nuclear instrumentation.

Mr. Crump is the holder of 13 patents pertaining to use of nuclear energy for the measurement of moisture, density, etc.

Mr. Crump is married and has kept his wife busy with their 5 children.

Mr. Crump will speak on "Density and Moisture Measurement by Nuclear Techniques." Particular attention will be paid to the use of this equipment in the Steel, Chemical and Food Industries.

HEAR YE!

HEAR YE!

HEAR YE!

Know all ye who read these words that the annual LADIES' night will be April 6, 1963.

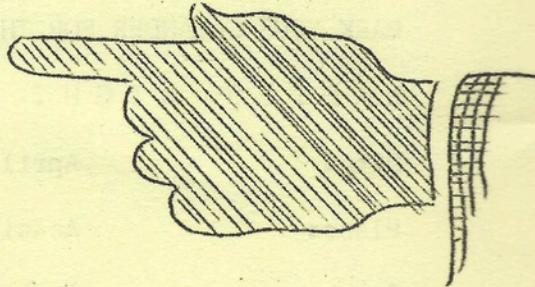
The place will be the ACACIA Country Club. Be YE advised that, upon receipt of this information, YE should set out in search of a baby sitter.

By this manner YE will then be able to set forth with thy wife on the appointed evening.

WARNING! Ignore--any earlier reports that Ladies night would be one week later.

Such stories have been spread by false PROPHETS.

ACACIA COUNTRY CLUB
Route 66 & Wolfe Road



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Motions Pa

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ABSTRACT OF BOARD OF DIRECTORS MINUTES

The third meeting of the 1962-3 Board of Directors was held Feb. 13, at the Builders' Club on Wacker Drive, Chicago, Illinois. A quorum was present. The meeting lasted 1-3/4 hours.

Motions Passed

None.

Other Significant Activities

1. Bill Sullivan reported that current finances are satisfactory. He renewed the \$4,000 bond on the Chairman, Secretary, and Treasurer for three years.
2. Ben Johnson reported the Ladies' Night is currently scheduled for April 13, the day before Easter. It was agreed to reschedule this to April 6, the only Saturday remaining open at the Acacia Country Club.
3. A brief discussion was held on the possibility of sponsoring a brush-up course for engineers interested in learning recent developments in their field; a committee will be appointed to consider the matter further.
4. Dick Narta reported that we currently have 463 paid-up members which is a little behind last year. It was suggested that an assistant Membership Chairman be appointed by this year's Vice Chairman to take over the following year; this should assure continuity and permit continued activity during the summer months.
5. Ed Moczek announced that the McCormick Award winners (Northwestern University and IIT) have been selected. This award will be presented at the March 13 meeting.
6. Bob Logsdon submitted a draft of the National membership amendment.

-Continued

MINUTES (CONTINUED)

7. Bob Opila, Bill Sullivan, and Hank Thorne were appointed to three-year terms to the Illinois Engineering Council. Mr. Thorne also was appointed Chairman of the committee on Publicity and Publications, giving AIChE two members on the IEC executive board.
8. A General Chairman will be appointed to begin work on the 1964 one-day symposium.
9. The possibility of a plane charter for the September 29 to October 2, 1963 AIChE meeting was discussed briefly with the general feeling that there probably would not be enough people attending from this area to justify a charter. Comments on this from the membership would be appreciated.

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ABSTRACT OF THE MINUTES OF THE 242ND MEETING OF THE CHICAGO SECTION

Chairman Harry Betzig opened the meeting, acknowledged Fuente and Webster as social-hour sponsors, reported the change of Ladies' Night from April 13 to April 6, current local section membership, and plans for the 1964 one-day symposium.

Dr. Philip C. White, General Manager of Research and Development and a Director of the American Oil Company, was honored as "Captain of Industry" at the meeting. Dr. White gave a 10-minute talk on "Eyeballmanship" - the importance of keeping your eye on the most important ball, both at work and during your leisure hours. For example, the major problems of the oil industry are not those of process development, but those of product price, raw material costs, and optimization of company operations. An engineer should try to use his talents in those areas, too.

The principal speaker of the evening, Mr. Ray Aufmuth, Vice President of Engineering of Arthur G. McKee Company, was introduced by Don Stoltenberg. He discussed McKee's use of computers in preparing piping cost estimates. They achieve fast, accurate, and reproducible results and determine minimum piping costs at an appreciable time saving over conventional techniques.

Attendance at the meeting was 116.

ENGINEERING SPEAKERS ROSTER

The Chicago Engineer's Public Relations Committee has published a list of speakers who are available to give engineering talks. Each speaker is a member of at least one professional engineering society. The list below gives the engineer's name, his society, and his subject. If you desire the address of the engineer, or any further information, contact Hank Thorne or John Donahue.

<u>Speaker</u>	<u>Society</u>	<u>Subject</u>
Bacon, R. H.	W.S.E. A.S.M.E.	Travelogues
Baker, C. N., Jr.	I.S.P.E. A.S.C.E.	Ethics in Engineering; Foundation Problems in Chicago area.
Bradford, R. N.	S.A.M.E.	Industrial Development; Management for Engrs. Export Business & Foreign Competition; Engineers in Business Today.
Betzig, H.	A. I. Ch. E.	Chemical Engineering & related subjects
Cawley, M. L.	S.A.M.E.	Navy Construction Bn.; Bonded Concrete Overlays; How to Conduct Surveys of Airfield Pavements.
Clauser, H.R.	A.S.M.E.	Selecting Materials for Better Quality & Lower Costs. (Slides)
Coleman, P.L.	W.S.E.	Electrical and related subjects.

continued....

Speaker

Scott,

Sullivan

Wellauer

Williams

Wilson,

Wolfson,

Zummer,

ENGINEERING SPEAKERS ROSTER

<u>Speaker</u>	<u>Society</u>	<u>Subject</u>
Scott, F.M.	W.S.E. A.S.M.E.	Utilities
Sullivan, William	A.I.Ch.E.	Chemical Engineering & related subjects.
Wellauer, E.J.	A.S.M.E.	Capacity, Rating & Selection of Gears. (Slides)
Williams, Joseph	S.A.M.E.	Modern Concrete Housing; Architecture, and re- lated subjects.
Wilson, Capt. J.W.	S.A.M.E.	Navy Civil Engineers in the Pacific. (Slides)
Wolfson, R.A.	I.S.P.E. A.I.E.E.	Engineering as a Career; Engineering in Private Practice; Chicago Engineer's Public Service Committee; Electrical Engineering.
Zummer, Anthony S.	I.S.P.E. A.S.M.E.	How You'd Live without Engineers Patent Law; Engineering's Contri- bution to Long Life; From Brain Child to Hard Product.

PERSONAL NEWS :

ABBOTT LABORATORIES - Reporter: J. R. Coates

Our congratulations to Ged Damasius and his bride Sigita who were married in Chicago on January 26.

R. R. Smutney is now Section Manager of the Chemical Engineering Section in the Engineering Development Department. He has just completed a two weeks course at the University of Illinois, on "Supervisors as Members of Management."

J. S. Flusser is on loan from the Fermentation Production Department to serve as Section Manager of Microbial and Pharmaceutical Engineering. E. G. Sevilla will take over the operation of Fermentation Production.

AMERICAN OIL COMPANY - Reporter: M. F. Oxenreiter

At the International Symposium on Gas Chromatography in Houston, H. J. Dawson, Jr. spoke on "Determination of Methyl Ethyl Lead Alkyls in Gasoline by Gas Chromatography."

T. L. Speer presented the paper "Asphalt Viscosity as Related to Pavement Performance" at The San Francisco Meeting of the Association of Paving Technologists.

At the Whiting Laboratories, Professor Jack Halpern of the University of Chicago, presented a talk on "A Method of Homogeneous Catalytic Hydrogenation."

The following men have been transferred from Whiting to the Chicago Office: L. D. Boddy, H. L. Fuller and H. E. Reppen.

AMOCO CHEMICALS CORPORATION - Reporter: Bill Clarke

Bill Clarke attended the SAE meeting in Detroit January 14 - 17.

continued....

Speaker

Dahlstrom

Depree, H

Gaysowski

Gillette,

Gould, CD

Green, LC

Gunlock,

Halm, H.

Holmquest

Jaquess,

Lascoe, R

ENGINEERING SPEAKERS ROSTER

<u>Speaker</u>	<u>Society</u>	<u>Subject</u>
Dahlstrom, Dr. Don	A.I.Ch.E.	Chemical Engineering & related subjects
Depree, H. J.	I.S.P.E. A.S.M.E.	Why a Professional Engineer?; "Grass Roots Engineering;" What is a Professional Engineer?
Gaysowski, Joseph	A.S.M.E.	What Engineers do in Industry.
Gillette, R. W.	S.A.M.E.	Airfield Design, Construction, or Maintenance.
Gould, CDR. C.F.	S.A.M.E.	Work of the Navy C.E.C. (Slides)
Green, LCDR. L. J.	S.A.M.E.	Building Bases in Antartica. (Slides)
Gunlock, V.E.	W.S.E.	Transportation and related subjects.
Halm, H. J.	S.A.M.E.	Pavement Construction, and Critical Path Method
Holmquest, H.J.	W.S.E.	Body Mechanics; Fluid-dynamics and Circulation in the Body.
Jaquess, CDR. R.C.	S.A.M.E.	Work of the Navy C.E.C. (Slides)
Lascoe, Raymond	S.A.M.E.	Safety & Civilian Defense continued....

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ENGINEERING SPEAKERS ROSTER

<u>Speaker</u>	<u>Society</u>	<u>Subject</u>
Linzing, W. D.	I.S.P.E. A.S.C.E.	Inside Iran-Business Trip Observations; Public Image of Engr.; Case for Amer. Unsung Heroes; Keys to Success.
Marks, G. M.	I.S.P.E. A.I.E.E.	Challenge to Engineering in Chicago; Engineers & Professionalism, Engrng. Unity; How to Light It.
Marston, W. R.	W.S.E.	City Planning
Maxwell, M. V.	W.S.E. A.S.M.E.	Electrical Apparatus Design.
Moczek, E.	A.I.Ch.E.	Chemical Engineering and related subjects.
Novick, D. A.	I.S.P.E. A.S.C.E.	How to Start Your Own Cons. Firm; Dealing with Clients; How to Maintain a Professional Attitude; Unusual Pdn. Probs.; Airport Planning; Soil Testing for Airports.
Pearson, Whitney	A.I.Ch.E.	Chemical Engineering & related subjects.
Root, Capt. L. E.	S.A.M.E.	Work of the Navy C.E.C. (Slides)
Schwarz, David	A.I.Ch.E.	Chemical Engineering & related subjects.

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PERSONAL NEWS (CONT'D)

EIMCO CORPORATION - Reporter: Conrad F. Cornell

Don Dahlstrom recently spoke to the Student AIChE Chapter of the University of Michigan on "The Challenge of Engineering."

VICTOR CHEMICAL WORKS - Reporter: A. Hodell

Dr. Arthur Toy, Associate Director of Research, was guest speaker at a meeting of the Sauk Trail Chapter of the Illinois Society of Professional Engineers. His subject was "Research and Development Activities at the Victor Chemical Division." After the talk the group was conducted on a tour of Victor's Applied Research Center.

Ronald Dilks is the proud father of a new baby boy.

- F r o m T h e C h a i r m a n ' s D e s k -

AMERICAN POWER CONFERENCE

Since the A.I.Ch.E. is one of the societies supporting the American Power Conference, it is being listed as sponsoring an evening symposium to be presented Tuesday, March 26th at the Sherman House as part of the Conference.

Members of the Chicago Section interested in the latest methods of power generation such as thermionics and magnetohydrodynamics will find the symposium informative. Those attending only the evening session need not register for the conference. In other words, there is no charge to attend only the Tuesday evening session.

continued.....

FROM THE CHAIRMAN'S DESK - CONTINUED

ONE-DAY SYMPOSIUM

At the last Board meeting, it was decided to hold a One-Day Symposium next year. A symposium chairman will be appointed soon so that arrangements can be initiated for the technical papers, meeting time and location and publicity. The Wisconsin Section and the Central Illinois Section will be contacted to see if they would like to make it a joint meeting.

MEMBERS-IN-SERVICE

Hank Thorne, Bill Sullivan and R. Opila have been appointed as delegates to the Illinois Engineering Council. In addition, Hank has been appointed Chairman of the Publicity Committee for the I.E.C.

As far as National Committees are concerned, Bill Sullivan is serving on the Admissions Committee, Hank Nolting is serving on the Professional Legislation Committee and Rex Wingard is working on the Publications Committee.

NEW ORLEANS MEETING

I hope to see a number of members of the Chicago Section at the Petro-Chemical & Refining Exposition held in conjunction with the New Orleans meeting March 10 - 14. By all indications, this will be a very worthwhile meeting and exposition.

GENERAL

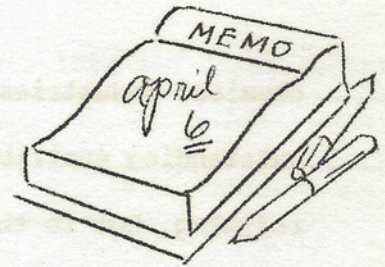
A committee of "Elder statesmen" is being formed to consider technical obsolescence as a problem and what, if anything, should the Section do about it.

Upon learning that Easter Eve preceded Easter this year, we have re-

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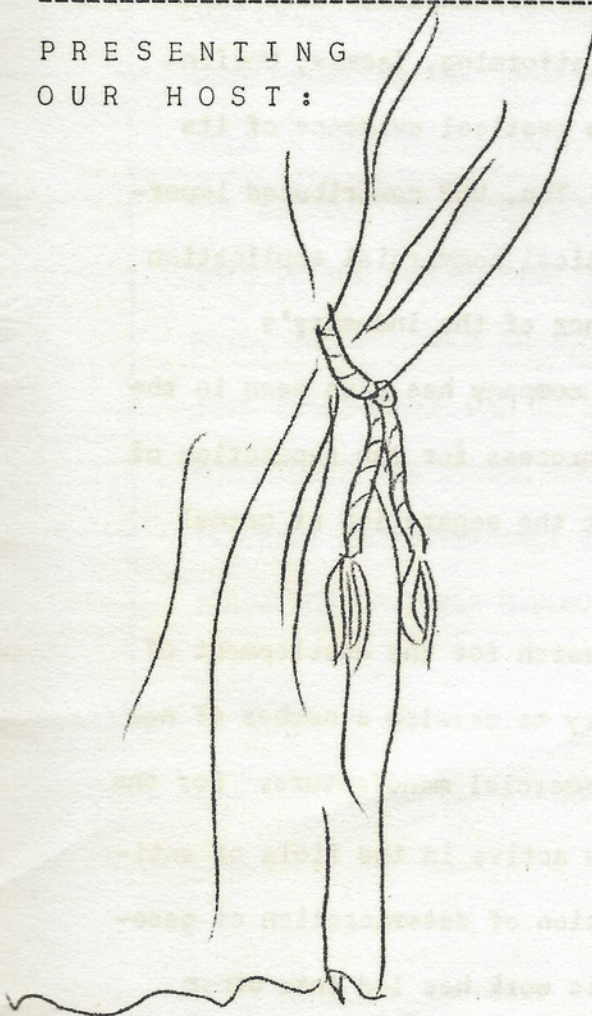
P R E S E N T
O U R H O S

scheduled Ladies Night to Saturday, April 6 from April 13. (This only slightly easier to do than to change Easter.) Please mark your calendars so that you don't inadvertently schedule another activity for that evening.



Harry M. Betzig

P R E S E N T I N G
O U R H O S T :



Universal Oil Products Company is an organization devoted to research, development, engineering, process licensing, and technical service within the petroleum, petrochemical, chemical, and related fields. While its primary concern is with processing units, Universal also manufactures and sells a variety of products, principally catalysts and inhibitors.

Universal's main offices, research and engineering facilities are located in Des Plaines, Illinois. Pilot Plant and manufacturing operations are carried out at McCook, Illinois and Shreveport, Louisiana.

For nearly half a century, UOP has been closely identified with the progress of the petroleum refining industry. Over the years the company's research and development activities have provided the Petroleum and petro-

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chemical industries with processing facilities that have made outstanding contributions not only to the progress of petroleum refining, but to the petrochemical and chemical industries as well.

Development such as polymerization with phosphoric acid catalyst, alkylation, isomerization, Platforming, Isomax, Unifining, Penex and numerous others, are practical evidence of its creative research accomplishments. Too, UOP contributed importantly to the development and practical commercial application of fluid catalytic cracking and other of the industry's important refining processes. The company has also been in the field of separation with the Udex process for the separation of aromatics and the Molex process for the separation of normal paraffins.

In connection with Universal's research for the development of its processes, it has been necessary to develop a number of new catalysts and methods for their commercial manufacture. For the past 25 years, the company has been active in the field of antioxidants, primarily for the prevention of deterioration of gasoline and fuel oils in storage. This work has led into other

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related products, including additives for edible fats and oils, rubber antiozonants, and various chemical intermediates.

NEW ORLEANS MEETING.....

YOU STILL HAVE TIME TO CATCH A PLANE AND ATTEND THE PETROCHEMICAL AND REFINING EXPOSITION THAT WILL BE HELD IN CONJUNCTION WITH THE 49th NATIONAL MEETING OF THE AIChE. THE DATES ARE MARCH 11th THROUGH 14th. THIS IS THE SECOND TIME THAT THE EXPOSITION IS BEING HELD, THE 1st SHOW IN 1961 WAS A COMPLETE SUCCESS. THIS YEAR, SPACE HAD TO BE EXPANDED BY 30% TO ACCOMMODATE THE LARGER NUMBER OF EXHIBITORS, YOUR INTEREST AND ATTENDANCE IS NEEDED TO INSURE THE CONTINUATION OF THESE EXPOSITIONS.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
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I plan to attend this month's meeting.

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Signed _____

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