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# NEWSLETTER



1972  
DECEMBER

## AMERICAN INSTITUTE OF CHEMICAL ENGINEERS



### CHICAGO SECTION

86 EAST RANDOLPH ST.  
CHICAGO, ILLINOIS 60601

### DECEMBER MEETING

Date: December 13, 1972

Place: Itasca Country Club  
Arlington Heights Road  
Itasca, Illinois

Time: Social Hour . . . . . 5:30-6:30  
Dinner . . . . . 6:30

Cost: \$6.00 for Chicago Section members  
\$7.00 for non-members

Host: Union Oil Company of California

Union Oil Company of California was incorporated on October 17, 1890. Now in its 82nd year of operation, it has assets of \$2.5 billion and, as such, is the thirteenth largest oil company and is the thirty-first largest manufacturing company in the United States.

Active in all phases of the petroleum industry, Union has been an important name in petrochemicals for almost two decades. The Company's AMSCO Division manufactures and markets specialty petrochemicals, solvents, naphthas, and polymer emulsions.

Collier Carbon & Chemical Corporation, a Union Oil subsidiary, is a leader in the manufacture and marketing of chemical fertilizers, liquid animal feed supplements, sulfur and sulfuric acid, industrial carbons, graphite, dry ice and liquid carbon dioxide.

The Company is also engaged in paving and rock plant operations and is active in mining and the development of geothermal power.

To the average citizen, Union Oil of California is probably known mainly for its 16,000 service stations and petroleum products which are marketed in 41 states. Today, the Union 76 Auto/Truckstops are found on the interstate highway system from coast to coast.

After Dinner Program: "Catalysts and Their Role in Vehicle Emission Control"

Speaker: Mr. Ted V. DePalma  
Universal Oil Products Company

T. V. DePalma joined Universal Oil Products Company, Des Plaines, in 1953, and is presently the Manager of the Engine Laboratory at the UOP Research Center.

After studying at Stanford University and the University of San Francisco, he earned the B.S. degree in chemical engineering from the Illinois Institute of Technology in 1950.

He joined the Research and Development Department of the Western Electric Company and was engaged in the development of new materials and manufacturing methods for plastics, casting resins and glass reinforced polyesters. At UOP he has been concerned with fuels, lubricants, additives and exhaust gas emission work.

For several years, in his spare time, he has taught at several technological institutes and has done some consulting work to small industry in the Chicago area. He is a professional engineer, licensed in the State of Illinois. He is a member of the Society of Automotive Engineers and the American Society for Testing and Materials and is currently active on several Coordinating Research Council committees.

Mr. DePalma will describe how catalysts operate and what they are capable of in vehicle emission control, including the potential to meet the 1975 Environmental Protection Agency requirements for hydrocarbon and carbon monoxide emission levels, given the optimum control system.

### Reservations

It is very important to make a reservation for the upcoming meeting so that an exact count can be made of those planning to attend. Anyone who shows up without having a reservation may not be accommodated and the Chicago Section will incur the cost for those persons who make a reservation and don't attend.

To make a reservation, please fill out and return the enclosed prepaid postcard. If your plans change or you cannot return the postcard, please contact the telephone operator at the AIChE--Chicago Section office, 236-3036.

### Location

The Itasca Country Club is located on Arlington Heights Road just north of Irving Park Road (Route 19) in Itasca.

