



CHEMICAL ENGINEERING DIVISION ACTIVITIES

Scriven Delivers Annual Lecture

The 1968 ASEE Chemical Engineering Division Lecturer is Dr. L. E. Scriven of the University of Minnesota. The purpose of this award lecture is to recognize and encourage outstanding achievement in an important field of fundamental chemical engineering theory or practice. The 3M Company provides the financial support for this annual lecture award.

Bestowed annually upon a distinguished engineering educator who delivers the Annual Lecture of the Chemical Engineering Division, the award consists of \$1,000 and an engraved certificate. These were presented to this year's Lecturer, Dr. L. E. Scriven, at the Annual Chemical Engineering Division Banquet held June 19, 1968 at the University of California, Los Angeles, California. Dr. Scriven spoke on "Flow and Transfer at Fluid Interfaces." A paper based upon his lecture will be published in an early issue of CHEMICAL ENGINEERING EDUCATION.



PREVIOUS LECTURERS

- 1963, A. B. Metzner, University of Delaware, "Non-Newtonian fluids."
- 1964, C. R. Wilke, University of California, "Mass transfer in turbulent flow."
- 1965, Leon Lapidus, Princeton University, "Aspects of modern control theory and application."
- 1966, Octave Levenspiel, Illinois Institute of Technology, "Changing Attitudes to Reactor Design."
- 1967, Andreas Acrivos, Stanford University, "Matched Asymptotic Expansions."

BIOGRAPHIC SKETCH

L. E. Scriven was born in 1931 in Battle Creek, Michigan. He graduated from the University of California, Berkeley with honors in 1952, where he won the University Gold Medal for academic achievement and was elected to Tau Beta Pi and Phi Beta Kappa. He went on to do graduate work in chemical engineering at the University of Delaware and received the MChE and the PhD

degrees in 1954 and 1956 respectively. While there he was elected to Phi Eta Kappa and held NSF and Shell predoctoral fellowships.

After three years as a Research Engineer with the Shell Development Company, Emeryville, California, Dr. Scriven joined the faculty of the University of Minnesota where he is now Professor of Chemical Engineering. In 1963 he was Guest Investigator at the Rockefeller Institute and in 1967 Visiting Professor at the University of Pennsylvania. In 1960 he was corecipient (with C. V. Sternling) of the Colburn Award of the American Institute of Chemical Engineers for the outstanding paper published by the Institute. His teaching abilities were recognized in 1966 by the Distinguished Teaching Award of the University of Minnesota Institute of Technology.

In research and scholarly activities his interests have centered about fluid mechanics, some associated mathematical methods and the application of engineering to biology. He has published highly significant papers on continuum theory of transport and transformation processes, interface physics, interface transfer and dynamic instability and pattern. Dr. Scriven is Advisory Editor for the Prentice-Hall Series in the Chemical and Physical Engineering Sciences and is widely known for his editorship of **Theory of Energy and Mass Transfer** by A. V. Lykov and Y. A. Mikhaylov, translated in 1961 from the Russian by W. Begell. Many industrial firms have called upon him as a consultant or lecturer.