

Dr. Shuler to lecture in gas kinetics course

January 16, 1967

Dr. Kurt Shuler, visiting professor of chemistry and visiting research scientist for the Institute for Radiation Physics and Aerodynamics, University of California, San Diego is one of nine professors selected from throughout the United States to lecture at a two week course in gas kinetics. The course, held at the University of California, Irvine, began Monday, January 16.

Professor Shuler, who is on leave from his position as senior research fellow at the National Bureau of Standards, Washington, D. C., says the course is designed to help update practitioners in a field which has experienced a rapid advance during the past five years as a result of new approaches and new research techniques.

Simply stated, chemical kinetics is the study of the rate at which chemical reactions take place. Gas kinetics is fundamental for combustion and propulsion, and has applications in the development of rocket engines, atmospheric physics, the battle against smog and in many basic manufacturing industries.

The course, which consists of 50 lectures held at the Newporter Inn at Newport Beach, has attracted 70 scientists and advanced graduate students, representing industry and universities in the United States and abroad.

Members from the UCSD department of chemistry who will be attending are: George Busch, Encinitas; Richard Mahoney, San Diego, Dr. Robert Morse and Dr. Kent Wilson, both of La Jolla.

Lecturers for the two week period ending January 27 are: William C. Gardiner Jr., University of Texas; Dudley R. Herschbach and Martin Karplus, Harvard University; Don Bunker and F. S. Rowland, UCT; Aaron Kuppermann, California Institute of Technology; John Kiefer, University of Illinois; Edward W. Schlag, Northwestern University; Ralph E. Weston Jr., Brookhaven National Laboratory and Dr. Shuler.