

WILLIAM MAXWELL REED MECHANICAL ENGINEERING SEMINAR

IS THE ROLE OF SCIENCE IN ENGINEERING DECREASING?

Forman A. Williams

**Member of the National Academy of Engineers
Presidential Chair in Energy and Combustion Research
University of California, San Diego**

Abstract: Fifty years ago Universities prided themselves on establishing Departments of Engineering Science. Today virtually all of these departments have vanished. Does this mean that science is no longer relevant to engineering? A discussion of this question will be presented, with examples given from which certain conclusions may be drawn.

Bio: Professor Williams is Professor of Engineering Physics and Combustion in the Department of Mechanical and Aerospace Engineering at the University of California, San Diego. Born in 1934 in New Brunswick, New Jersey, he received a Bachelor of Science in Engineering from Princeton University in 1955 and a Ph D in Engineering Sciences from California Institute of Technology in 1958. He then taught in the Division of Engineering and Applied Physics at Harvard University until 1964, at which time he joined the faculty of the University of California, San Diego. In January of 1981 Professor Williams accepted the Robert H. Goddard Chair in the Department of Mechanical and Aerospace Engineering at Princeton University, where he remained until 1988, when he returned to the University of California, San Diego to assume his present position. Beginning in 1997 he accepted an Adjunct Professorship in the Department of Mechanical Engineering at Yale University for one month each year for a period of ten years. He served as the Director of the Center for Energy Research at UCSD from 1991 to 2006 and holds the Presidential Chair in Energy and Combustion Research from the University of California. His field of specialization is combustion, and his book, *Combustion Theory*, first published in 1965, with a greatly expanded second edition in 1985, is a respected treatise on the subject.

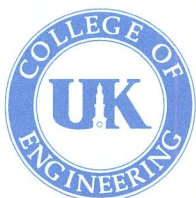
Date: Thursday, March 27, 2008

Time: 3:30 p.m. to 4:30 p.m. (refreshments 3:00 p.m.)

Place: Room 323 CRMS Bldg.

Contact: Dr. Kozo Saito 257-6336 ext. 80639

Meet the speaker and have refreshments
Attendance open to all interested persons



MECHANICAL ENGINEERING DEPARTMENT
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY