

UCSD's Division of Engineering's Annual Research Review to be held Apr. 16

April 1, 1993

FOR SCIENCE AND TECHNOLOGY WRITERS

MEDIA ADVISORY

EVENT: How Can Government, Industry and the University Collaborate for Research and Business in the 90s? This issue, along with the latest advances and trends in engineering at UCSD, will be highlighted during UCSD's Division of Engineering's Annual Research Review.

DATE/TIMES: Friday, April 16, 1993

8 A.M. - 5:30 P.M.

LOCATION: Price Center Ballroom

University of California, San Diego

BACKGROUND: From 1:30 P.M. to 5:30 P.M., tours of selected laboratories of the Engineering Division will be conducted including the Computer Systems Lab, Adaptive Learning Robotics Lab, High-Speed Digital Communications Lab, E-Beam Lithography Lab, Glucose Sensor Lab, Cardiac Mechanics Lab, the Fluid Mechanics Lab. Departmental overviews also will be given by Frank Talks, chairman of the AMES Department; Manuel Rotenberg, chairman of ECE; and Gill Williamson, chairman of CSE.

In addition, more than 50 poster sessions will be presented by UCSD graduate students, including a robotic arm for stroke patients, a description of the use of advanced composite materials to improve performance of turbo-propellers and turbo-fans, a computer simulation of spiral wave dynamics in reentrant cardiac arrhythmias, and a control system for bipedal locomotion systems.

Also on display will be an electric car, designed and constructed by AMES students as a class project. The light-weight vehicle is designed for commuter traffic and can travel 45 to 50 miles on a single charge.

The morning session will include several speakers from government, industry and academia who will talk about "Perspectives on Government, Industry, and University Partnerships."

Guest speakers, who can be interviewed following the morning session, include:

A. Nico Habermann, assistant director, National Science Foundation, Computer and Information Science Engineering Directorate;

Eugene Wong, associate director, White House Office of Science and Technology (1990-93), and Professor of EECS, UC Berkeley;

William A. Hawkins, president and chief executive officer, IVAC Corporation;

Ed Furtek, director of federal research policy, UCSD.

Engineering Dean N. Lea Rudee, who has announced his intent to step down from that post at the end of the academic year, will present an overview of activities within the Engineering Division during the past year.

Members of the media are invited to attend the conference and interview speakers. The conference should offer opportunities for news stories, photos and videos, as well as provide an excellent background for future engineering articles and features. If media representatives wish to attend the luncheon, please RSVP to Judy Cottrell Blantz at (619) 534-2776.

Judy Cottrell Blantz, Director of Corporate Relations, Division of Engineering, (619) 534-2776. Warren Froelich, Communications Office,

(619) 534-8564.

(April 1, 1993)