

## Hewlett-Packard donates over \$750,000 worth of equipment to UCSD

**May 16, 1988**

Contact: Paul Lowenberg, (619) 534-3120

### HEWLETT-PACKARD DONATES MORE THAN \$750,000 WORTH OF EQUIPMENT TO UCSD

Hewlett Packard Corp. has given the Department of Computer Science and Engineering (CSE) at the University of California, San Diego equipment worth more than \$500,000 to help students learn more about building and designing sophisticated computer chips.

HP has also given another \$227,000 worth of computers and equipment to the Department of Applied Mechanics and Engineering Science (AMES) for a total gift to UCSD of more than three-quarters of a million dollars.

When the equipment arrives at CSE this summer it will be used to teach undergraduates in a course on very large scale integration, which is concerned with the amount of hardware which can be put on a silicon chip.

"The level of integration of chips has been increasing drastically," said Alex Orailoglu, an assistant professor who teaches the undergraduate course. "It's very hard to design without state-of-the-art equipment.

"In my class our students learn about building and designing computer tools to help them design the chips. This is very important. Without this equipment from Hewlett-Packard the course would be a paper exercise," he said. About 30 students are expected to take the two-quarter course next fall and winter.

"This really helps us out," said Walt Burkhard, chairman of the Department of Computer Science and Engineering. "We can use this state-of-the-art equipment, and we are now able to teach the course we want."

The equipment, valued at \$555,406, includes hardware and software for up to six workstations to be used by the students.

Frank Talke, a professor in the Center for Magnetic Recording Research and a member of the AMES faculty, received a laser interferometer and a spectrum analyzer valued at \$45,000 from HP. He plans to use the equipment, which performs precision measurements of heads on a magnetic disc, for both teaching and research.

Dan Olfe, chairman of AMES, said the department received another \$182,000 worth of HP Vectra 386 microcomputers which are IBM compatible.

"This will enable us to introduce a lot of engineering software into our courses that we couldn't have used before," said Olfe. "We couldn't have such instructional labs if it weren't for donations such as the one from Hewlett-Packard."

(May 16, 1988)