

For release
26 April 1996

POPULAR SCIENCE LECTURE ON LEARNING THROUGH PERSONAL COMPUTERS

With the aid of modern personal computer (PC) technology, learning difficult subjects such as physics can be made easier and more enjoyable for students. Prof Michael Loy, Professor of Physics and Associate Dean of Science at the Hong Kong University of Science and Technology, will demonstrate this state-of-the-art learning environment in a free public lecture at the Hong Kong Science Museum on Sunday, 28 April.

The Active Physics Learning Environment (APLE) at HKUST integrates lecture, recitation and laboratory activities into a combined session. Students are given access to networked multimedia information, numerical simulations and PC-based laboratory systems for data acquisition, analysis and visualization. The active learning environment allows students greater opportunity not only to follow their own interests but to seek their own level of attainment.

In this presentation, Prof Loy will demonstrate how APLE works so that the audience can experience this state-of-the-art learning environment.

Prof Michael Loy earned both his BS in engineering physics and his PhD in physics at the University of California at Berkeley.

Prior to joining HKUST, Prof Loy worked at IBM's T. J. Watson Research Center in New York for more than 20 years. His last post there was Senior Manager for Optoelectronics and Laser Sciences. A three-time winner of IBM's Outstanding Contribution award, Prof Loy also held management positions in areas as diverse as ultrafast laser science and information processing in the brain.

The lecture is jointly organized by HKUST and the HK Science Museum as part of this year's Popular Science Lecture Series. Program details are as follows:

Topic:	Learning the Laws of Nature Through a Computer
Date:	28 April 1996 (Sunday)
Time:	11 am to 12:30 pm
Venue:	Lecture Hall, HK Science Museum, Tsimshatsui East
Language:	Cantonese
Admission:	Free

Note to Editors:

Please direct enquiries to the Office of Public Affairs at 2358 6307.