For Immediate Release
3 July 1995

SCIENTISTS DISCUSS NANOSTRUCTURED MATERIALS AT HKUST

People seldom think of science when they put on sun-tan lotion at the beach. Yet the substance that blocks out the ultra-violet rays is a good example of how nanostructured materials can be put to use in daily life.

Nanostructured and granular materials are of interest to scientists because they exhibit properties which differ from those of their bulk-counterpart. A group of experts in the field from around the world will give a series of in-depth lectures on the subject to a gathering of scientists and postgraduate students in the 1995 Physics Summer School on Nanostructured and Granular Materials being conducted at the Hong Kong University of Science and Technology from 3 to 14 July.

"Clusters, dots or wires with dimensions of 1-10 nanometers have properties which are very sensitive to the actual size. Thus, one can 'tune' the size to obtain the desired properties," says Professor Nelson Cue, Head of the Department of Physics at HKUST and an organizer of the summer school. "Understanding the optical, electrical, magnetic and other properties of nanosize materials would lead to new devices and applications using these materials."

Professor Leroy Chang, Dean of Science at HKUST, and a pioneer in this field, will speak at the opening ceremony of the Summer School at 9:30 a.m. on 3 July. The venue is Leung Yat Sing Lecture Theatre (Lecture Theatre F). For other details, please contact the Department of Physics at 2358 7506.

Note to Editors:

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