



# 新聞稿 PRESS RELEASE

## Prof Vincent Y S Lum Appointed as Professor of Systems Engineering

Prof Vincent Y S Lum, the newly appointed Professor of Systems Engineering of The Chinese University of Hong Kong, said that the immediate task upon his appointment is to set up the curriculum and programmes and to recruit quality faculty and staff of his completely new Department. He also hopes to promote links between his Department and local industries in Hong Kong for research projects in the coming years.

A pioneer and expert in data structure and database management systems, Prof Lum has a record of more than 25 years in computer systems research mainly on information system analysis and application although all his advanced degrees and training have been in electrical engineering. His current research project concentrates on database technology and advanced applications.

The new Department of Systems Engineering will be formally set up in the coming August as part of the Faculty of Engineering of the Chinese University. Prof Lum said that his Department is planning to introduce a curriculum which would not only meet the practical needs of local industries but would also educate the students to be able to meet the challenges brought along by the rapid advances of the many technologies in the future.

According to Prof Lum, the Department of Systems Engineering is unique in the Faculty in the sense that the systems engineering students have to study on a broader base and closely follow the constantly changing technological trend. In addition to a sound knowledge of computer functions, it is equally important for students to have a good understanding of the relations between human and machines, as well as to acquire good managerial skills in industries.

Prof Lum graduated from University of Toronto, Canada with a Bachelor degree in Applied Science (Engineering Physics) in 1960. He then furthered his studies in USA and obtained his MS degree from the University of Washington in 1961, and his PhD degree from the University of Illinois in 1966.

Prof Lum joined IBM Corporation in 1962, first as Associate Engineer, and then as Researcher. He had served as Project Manager in the company from 1973 to 1985, during which he had initiated and managed a number of technical projects in computer research and development including Data Base Conversion and Configuration Project, Procedure Automation Project and Advanced Information Management Project. Prior to joining this University, he was a Professor of Computer Science in the Naval Postgraduate School in USA from 1985 to 1991. He had successfully built up the Department from a 9 to 15 tenure-track faculty in three years under difficult circumstances when he was concurrently appointed as Chairman of the Department from 1985 to 1988. He joined the Chinese University in March this year.

Prof Lum has published numerous papers and delivered lots of seminars in his areas of interests for more than 35 universities in USA, Canada, Europe and Far East. His recent significant publications include "Design of an Integrated DBMS to Support Advanced Applications", Foundations of Data Organization, Plenum Press, 1987; "Image Database Management in a Multimedia System" (with Meyer-Wegener & Wu), Visual Database Systems, North Holland, 1989; and "An Architecture for a Multimedia Database Management System Supporting Content Search", Springer Verlag's Lecture Notes on Computer Science, in press for 1991.

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Attachment: Photo of Prof Vincent Lum