



新聞稿 PRESS RELEASE

Prof Ian Howard Wilson appointed as Professor of Electronic Engineering

"I hope I can make a contribution to the development of a infrastructure for the microelectronics industry here and I'd like to see Hong Kong take a prominent position on the world stage in microelectronics." remarked Prof Ian Howard Wilson, the newly appointed Professor of Electronic Engineering of The Chinese University of Hong Kong.

Prof Wilson specializes in microelectronics and semiconductor technology. He has made important contributions to the production process of minute mechanical devices and microelectronic circuits through his research on the topography of ion bombarded surfaces and the technique of doping semiconductors by ion implantation. His current research concentrates on the application of scanning tunnelling microscopy to the study of ion impacts and the fabrication of new semiconductor devices.

Prof Wilson and his colleagues are now preparing for two large research projects on high speed optoelectronics and HDTV for image processing. His research may give rise to more sophisticated communication devices and will eventually lead us to a new era of home automation.

Prof Wilson, aged 50, is an outstanding graduate of Reading University, UK. He obtained his BSc degree in Physics with first class honours in 1962 and PhD in 1966. After three years at Sussex as a Research Fellow, he went into industry and was appointed Head of Research and Development and Chief Metallurgist of the Engelhard Industries (UK) Ltd. Prof Wilson taught at the Surrey University, UK since 1971 and was Reader in Electronic & Electrical Engineering until he took up the Chair appointment at The Chinese University in January 1991. During his sabbatical leave in 1987-88, he was appointed as Distinguished Visiting Professor to the Physics Department of the Arizona State University, USA.

A prolific writer, Prof Wilson has published numerous academic papers on the topography of ion bombarded surfaces; atomic collisions in solids; and ion impact on semiconductors and on dielectric and conducting thin films. He is the author of the textbook Engineering Solids and has contributed many book chapters on atomic collision and solids.

Prof Wilson comes at an exciting time when CUHK is further developing her engineering and technological departments. The Department of Electronic Engineering, together with the Departments of Computer Science and Information Engineering, will be transferred from the Science Faculty to the newly established Faculty of Engineering. A new Department of Systems Engineering will later be added to the new Faculty.

"The opening of the Engineering Faculty signals a greatly increased opportunity for Hong Kong students to study the highest of technology to the highest level." Prof Wilson said.

Attachment : Photo of Prof Ian Howard Wilson

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