



Visit by Professor Robert Boehm and Professor Yitung Chen, University of Nevada, Las Vegas

Professor Robert Boehm and Professor Yitung Chen, Center for Energy Research, Department of Mechanical Engineering, University of Nevada (UNLV), Las Vegas, USA visited The Hong Kong Polytechnic University from 9 to 10 June 2009.

Professor Boehm is a Distinguished Professor of Mechanical Engineering and Director of the Center for Energy Research at the UNLV. His specialties are in the areas of thermal system design and power systems, with particular emphasis on renewable energy concepts. His work in the last 20 years is primarily in the areas of renewable and conventional energy conversion and has published over 400 papers on heat transfer, design of thermal systems and energy conversion. He is a Fellow of the ASME and a Registered Professional Engineer. His PhD was received at UC Berkeley.

Professor Chen is Professor of the Department of Mechanical Engineering and Co-Director of the Center for Energy Research at UNLV. His academic and industrial experiences in numerical and experimental fluid mechanics and thermal-fluid sciences cover multidisciplinary areas of mechanical, biomedical, environmental, chemical, and nuclear engineering. He is an expert in computational and experimental aspects of momentum, heat and mass transfer.

Meetings were held with PolyU Department of Building Services Engineering (BSE) and Mechanical Engineering (ME) colleagues. A forum was also held for research personnel and students of BSE. A CPD lecture “Updated Issues on Building Energy Efficiency of Recent Development” organized by BSE was held on 9 June 2009 at PolyU with 80 attendants. A welcoming address was first given by Professor Walter Yuen. The lecture was divided into two parts: Part 1, Some Experiences with Zero and Low Energy Houses by Professor Boehm; and Part 2: Application of Computational Fluid Dynamics for High Energy Efficiency Design with Human Comfort of CAD - VAV and UFAD Systems by Professor Chen. The powerpoint files of the talk can be downloaded.

PolyU President, Professor Timothy Tong, hosted a dinner on 10 June 2009 at Li Ka Shing Tower for the two guests. Professor Albert S.C. Chan, Vice President (Research Development), Professor J.G. Teng, Dean of Faculty of Construction and Land Use, Professor Alex Wai, Dean of Faculty of Engineering, Professor Walter Yuen, Consultant to the President, Professor Gary Ong, Professor W.K. Chow, Professor Jian Lu, Dr. Simon Deng and Mr. Andrew Young were invited to attend.



Introduction by Professor Walter Yuen



Discussion with colleagues



Professor Robert F. Boehm



Professor Chen Yitung