

Department of Building
presents

Research Seminar

On

New Research Directions in Intelligent Green Buildings

By

Prof. Mirosław J. Skibniewski

A. James Clark Endowed Chair Professor of Project Management
Dept. of Civil & Environmental Engineering
University of Maryland
College Park, USA

Editor-in-Chief, AUTOMATION IN CONSTRUCTION
An International Research Journal

Thursday, 17 Jan 2008
Executive Room 1
2.00 pm – 3.00 pm

Convener
Professor Low Sui Pheng

+++++

This seminar focuses on the recent efforts in the United States and worldwide to take advantage of information, communication and automation technologies to achieve the 'green' objectives associated with the entire life cycle of buildings. Issues related to building planning, design, construction, operation, demolition and recycling are included in these efforts, as well as standardization and automation of building control systems to achieve better environmental performance of buildings. Directions for future academic research will be outlined in conjunction with efforts by government and industry organizations.

+++++

Dr. Mirosław Skibniewski is currently the *A. James Clark* Endowed Chair Professor of Construction Engineering and Project Management at the University of Maryland in College Park, USA. Following his masters degree from Warsaw University of Technology and initial professional employment with a major U.S. consulting firm serving the construction industry, he obtained MS and Ph.D. degrees

in Engineering Planning and Management from Carnegie Mellon University in Pittsburgh, Pennsylvania, USA. Subsequently, he spent 20 years as Professor of Construction Engineering and Management, Associate Provost and Chief International Officer at Purdue University in West Lafayette, Indiana, USA. Prof. Skibniewski has consulted and lectured in over 35 countries worldwide and authored over 150 publications. He held Fulbright and Humboldt international research awards and fellowships, as well as visiting and honorary professorships in Germany, Russia, Poland, Slovakia, Singapore, Malaysia, Taiwan, Hong Kong, Australia, Argentina, Chile, and the United Kingdom. He worked on research and technology development projects for major engineering construction corporations in the U.S., Japan, Taiwan and Europe. He is past president of the International Association for Automation and Robotics in Construction and the recipient of research awards from the American Society of Civil Engineers and the U.S. National Science Foundation. Dr. Skibniewski is also Editor-in-Chief of Automation in Construction, an international research journal published by Elsevier in Oxford, UK, and the North American Editor of the International Journal of Civil Engineering and Management. He serves on editorial boards of ten other construction research journals published worldwide. A foreign member of the Russian Academy of Engineering, Prof. Skibniewski travels extensively through his teaching and presentation activities, and collaborates regularly with various research teams on five continents.

+++++

All are welcome

Please register with **Ms Christabel Toh** via email: christabel@nus.edu.sg

NOTE: Attendance is COMPULSORY for students registered for the module – BS5770 & BS6770