

## Professor Wilson Tang Memorial Symposium

To commemorate and honor the lifetime contributions of Wilson H. Tang who passed away in January 5, 2012, the Department of Civil and Environmental Engineering of the Hong Kong University of Science and Technology is organizing a Professor Wilson Tang Memorial Symposium on December 15, 2012, convening a highly distinguished set of invited speakers, both local and international, to revisit and build upon Wilson's research areas. Some of them will also reflect on their personal friendship with Wilson.

Wilson is an international leader in the field of engineering uncertainties and reliability analysis. He had led the profession in pioneering the use of reliability based methods for risk mitigation and design in various areas, particularly in geotechnical engineering. His expertise covered the application of Probability methods to the wide area of civil infrastructure engineering and management. Wilson had a distinguished academic career, having taught at the University of Illinois at Urbana-Champaign for 27 years before joining HKUST as Chair Professor and Head of Department of Civil Engineering in 1996. Under his leadership, the Department evolved as one of the best in Asia. Wilson had more than 250 technical publications and co-authored a book (with A. H-S Ang) on Probability Concepts in Engineering Planning & Design that has been widely adopted by top universities worldwide. Wilson had served on major international boards and committees in Hong Kong and around the world. He was a Fellow and Vice President of the Hong Kong Academy of Engineering Sciences. Wilson received numerous awards included the State of the Art award, Fellow and Distinguished Member from the American Society of Civil Engineering, T.K. Hsieh Award from the Institution of Civil Engineers UK, US Offshore Energy Center's Hall of Fame, Guggenheim fellow, Harza Best Paper Award, Natural Science Award from the Ministry of Education of China, and Honorary Professorship at several major universities.



- Date** : 15 December 2012 (Saturday)  
**Time** : 9:30am to 5:30pm  
**Venue** : Conference Hall, 4/F, Hong Kong Productivity Council Building  
78 Tat Chee Avenue, Kowloon Tong  
**Registration Fee** : HK\$2,800.00\* per person (including notes, tea and coffee)

\* All net incomes from registration will be donated to the **Wilson Tang Memorial Fund**. To honor Professor Tang's devotion to educating the youth, nurturing talents and promoting intellectual excellence, the Fund was set up by Professor Tang's family at HKUST to provide scholarships and bursaries to recruit top students, to recognize top performance in courses related to Uncertainties and Risk Analysis and to support students in need of financial assistance for overseas exchange programs.

**Supported by:**

## Program of Symposium

*(all speakers are invited and arranged to present according to alphabetical order)*

Time	Title of Presentation	Speaker
9:40 – 9:45	Welcome	Christopher Leung
9:45 – 10:15	Wilson Tang – A good friend and colleague in Reliability Engineering	Al Ang
10:15 – 11:15	Performance, failure and reliability: getting the issues clear	Malcolm Bolton
11:15 – 11:30	Coffee break	
11:30 – 12:00	Facing adversity with dignity – What can we learn from Professor Wilson Tang	Y.C. Chan
12:00 – 12:30	Applications of statistics in geotechnical practice in Hong Kong	John Endicott
12:30 – 13:00	Which uncertainty (or error) is the most critical in geotechnical design?	Yusuke Honjo & Yu Otake
13:00 – 14:00	Lunch	
14:00 – 14:30	Deformation statistics pattern of retaining wall and risk pre-warning in soft soil	Hongwei Huang
14:30 – 15:00	A quiet river runs deep	C.F. Lee
15:00 – 15:30	The debris flood of upper Tai Po River in July 2010	Joseph Lee
15:30 – 15:45	Coffee break	
15:45 – 16:15	Input parameters for the assessment of risk to life from natural terrain slope failures in Hong Kong	Jack Pappin
16:15 – 16:45	Probabilistic framework for managing multivariate soil properties	K.K. Phoon & J. Ching
16:45 – 17:15	Collapsible potential and possibility of loess	Jianguo Zheng
17:15 – 17:25	Vote of thanks	Bernadette Tang

**Professor Wilson Tang Memorial Symposium**  
**on**

**15 December 2012**

**Registration Form**

Please complete the form together with a cross cheque of \$2,800 payable to “**The Hong Kong University of Science and Technology**” and send it to the following address:

To: Department of Civil and Environmental Engineering  
The Hong Kong University of Science and Technology  
Clear Water Bay  
Kowloon, HONG KONG  
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Title :                     Ir.     Prof.     Dr.     Mr.     Ms.

Family Name : \_\_\_\_\_ Given Names: \_\_\_\_\_

Current Position : \_\_\_\_\_

Organization : \_\_\_\_\_

Postal Address : \_\_\_\_\_

\_\_\_\_\_

E-mail Address : \_\_\_\_\_

Telephone No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

Signature : \_\_\_\_\_ Date : \_\_\_\_\_