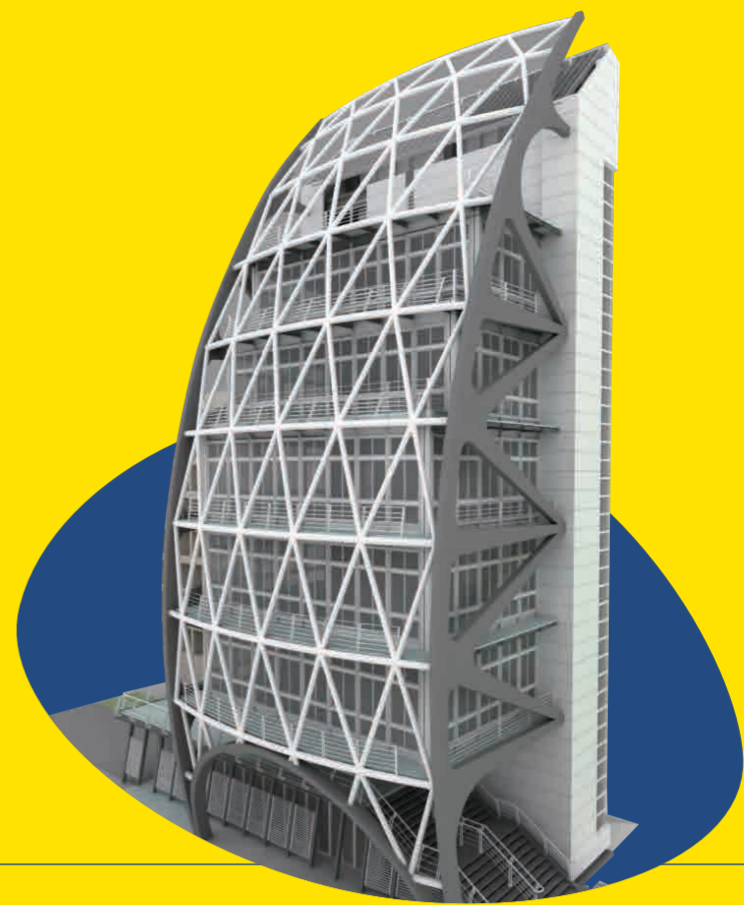


# SRES

2015 in Taipei, Taiwan  
October 21-24

## 工程可靠度國際研討會 SYMPOSIUM ON RELIABILITY OF ENGINEERING SYSTEMS

Venue// International Building101 Conference Room, Taiwan Tech



### 會議宗旨 Symposium Objectives

工程系統可靠度國際研討會 (SRES2015-Taiwan) 係由 International Association for Structural Safety and Reliability (IASSAR) 與國立臺灣科技大學臺灣建築科技中心 (TBTC) 共同舉辦之國際會議。工程系統之可靠度問題已吸引了越來越多的關注，此一重要性不僅僅顯現在土木工程方面，甚至在機械、航空、海洋等許多其他學科的工程上亦然。在此背景下，工程系統可靠度國際研討會 (SRES2015-Taiwan) 希望讓世界各地的工程師和科學家聚集在一起，提出並討論工程系統可靠度之創新研究方法和實際應用狀況。國立臺灣科技大學臺灣建築科技中心將藉此良機邀請國內外知名專家學者進行學術研究與經驗分享，並展示臺灣在工程系統可靠度相關領域之研究實力，提升國內相關研究學術地位，讓國際專家有機會瞭解臺灣在此一領域的努力成果。

The main objective of the proposed Symposium is to help spur and expand the study and research in the field of reliability engineering and risk management in Taiwan and the neighboring countries, and to encourage the wider implementation of reliability concepts and principles in the planning, design, and operation of engineering systems throughout the region. As many countries in the region are continuing their development of major infrastructure systems, including long-span bridges, high-speed rail system, super roadways, and high-rise buildings, there is increasing recognition of the importance of the safety and reliability of these systems in order to ensure their life-cycle performance and sustainability of mega-systems.

### Keynote Lectures



**Alfredo H-S. Ang**

NAE Member, Emeritus Professor  
University of California, USA

Title of Speech:

*Target Reliability for Design of Complex Systems - Role of PDEM*

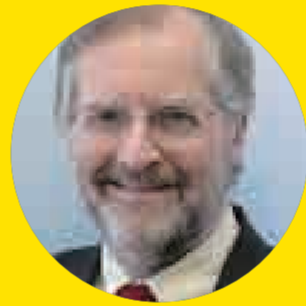


**Jie Li**

Distinguished Professor  
Tongji University, China

Title of Speech:

*A Quantitative Approach to Stochastic Dynamic Stability of structures*



**Bruce R. Ellingwood**

NAE Member  
Colorado State University, USA

Title of Speech:

*Life-cycle performance goals for civil infrastructure: managing risk in an era of climate change*



**Dan M. Frangopol**

Professor, Fazlur R. Khan Endowed Chair Professor  
Lehigh University, USA

Title of Speech:

*Life-Cycle Performance, Reliability, Risk, and Sustainability of Bridges and Bridge Networks*



**Bilal M. Ayyub**

Professor  
University of Maryland, USA

Title of Speech:

*Practical Resilience Metrics for Critical Infrastructure*



**Erik Vanmarke**

Professor  
Princeton University, USA

Title of Speech:

*Multi-hazard Risk Assessment Using Random Fields*



**Ding-Fu Su 蘇丁福**

Deputy Commissioner 副局長  
Department of Rapid Transit Systems, Taipei City  
Government, Taiwan 臺北市捷運工程局

Title of Speech:

*Quality management, Risk Management & Engineering insurance during the construction of the Taipei Rapid Transit Systems*

臺北捷運系統之品質管理 風險管理及工程保險



**Wanchi Huang 黃琬淇**

Environmental Engineer 環境工程一部工程師  
Sinotech Engineering Consultants, Ltd., Taiwan  
中興工程顧問股份有限公司

Title of Speech:

*Carbon management for road infrastructure - carbon footprint inventory of the Suhua Highway Improvement Project*

公路工程碳管理制度之發展—以蘇花改工程碳管理計畫為例

### Registration Fee

本國與會者適用Co-Organizer收費標準

	Regular	Regular banquet excluded	Student	Student banquet excluded
Co-Organizer	NT\$3,000	NT\$2,000	NT\$1,500	NT\$800
General	US\$400		US\$200	
On-site (Taiwan Dollars Only)	NT\$14,000		NT\$7,000	

### Extra Purchase

• Post-Symposium Tour: US\$40 (NT\$1,200)

• Tour Spots: Yehliu Geopark、Juming Museum、Jinguashi、Hongmao Castle.etc



Yehliu Geopark 野柳地質公園



Juming Museum 朱銘美術館



Hongmao Castle 淡水紅毛城



Jinguashi 金瓜石



### Online Registration

[www.sres2015-taiwan.ntust.edu.tw/online-registration.html](http://www.sres2015-taiwan.ntust.edu.tw/online-registration.html)

**Deadline for registration is 9 Oct.**

► Symposium Website: [www.sres2015-taiwan.ntust.edu.tw](http://www.sres2015-taiwan.ntust.edu.tw)

### Contact us

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