

# 2012

## 台歐盟永續建築之創新綠色科技研討會

-台灣建築科技中心研發成果發表暨歐盟FP7計劃SUS-CON與CETIEB執行展望-

## 2012 TW-EU INNOVATIVE GREEN TECHNOLOGIES IN SUSTAINABLE BUILDINGS FORUM

- Research Exhibition of TBTC in Conjunction with EU FP7 Projects, SUS-CON and CETIEB-

Day 2: Tuesday, 27th Nov, 2012

Time	Agenda	Speakers
09:00-09:40	Case Based Design Development Study Considering High Priority in Sustainability 溝通平台與知識管理之研究-以永續思考 為優先之個案發展為例	Prof. Wei-Hwa Chiang, Dept. of Architecture, NTUST 台科大建築系江維華教授
09:40-10:20	Development of Green Energy Technology 綠色能源技術之發展	Prof. Bing-Joe Hwang, Dept. of Chemical Engineering, NTUST 台科大化學工程系黃炳照講座教授
10:20-10:40	Coffee Break 休息時間	
10:40-11:40	Cost Effective Tools for Better Indoor Environment in Retrofitted Energy Efficient Buildings	Dr. Juergen Frick, Head of staff position Research & Development, Materials Testing Institute, University of Stuttgart, Germany
11:40-12:20	Natural Light Illumination System 新型智慧自然光照明系統之開發-以建置 台科大地下停車場自然光照明系統為範例	Prof. Allen Jong-Woei Whang, Director of Graduate Institute of Color and Illumination Technology, NTUST 色彩與照明科技研究所黃忠偉所長
12:20-13:30	Lunch Time 午餐	
13:30-14:10	Decision-Making Supporting System of Life-Cycle Maintenance Strategies for Deteriorating Reinforcing Concrete Building 劣化鋼筋混凝土建築物生命週期維護管理支援決策系統	Prof. Chien-Kuo Chiu, Dept. of Construction Engineering, NTUST 台科大營建工程系邱建國教授
14:10-14:50	Functional Organic/Inorganic Hybrids for Smart Building Materials 多功能性有機/無機混成材料於智慧建材之應用	Prof. Dong-Hau Kuo, Dept. of Materials Science & Engineering, NTUST 台科大材料科學與工程系郭東昊教授
14:50-15:10	Coffee Break 休息時間	
15:10-15:50	Local Ventilation: Push-Pull Air Curtain and Its Applications 局部通風：推挽式氣簾技術及其應用例	Prof. Rong Fung Huang, Dept. of Mechanical Engineering, NTUST 台科大機械工程系黃榮芳教授
15:50-16:30	Development of Smart filters for Green Building-Materials and System 智慧型綠建築空氣過濾濾材及系統之建立	Prof. Lu-Sheng Hon, Dept. of Chemical Engineering, NTUST 台科大化學工程系洪儒生教授
16:30-16:35	Close Ceremony 閉幕	Vice President Yong-Huang Lin, NTUST 台科大林耀煌副校長