


2018台日雙邊智慧光電與農業生醫應用論壇

2018 Taiwan-Japan Bilateral Symposium in Optics for Intelligent Information Science & Technology: Biophotonics & Agricultural Photonics

04/17

南科管理局一樓演藝廳(智慧機器人計畫中心基地) 1F, International Conference Room, Southern Taiwan Science Park Bureau (AI_ROBOT@STSP)

Time	Title	Speaker
Session I		
09:00-09:15	Opening	Director Wei-Cheng Lin (Southern Taiwan Science Park Bureau) Senior Vice President Chiun-Hsun Chen (NCTU)
09:15~09:55	Image Restoration by Coherent and Incoherent Optical Methods	Prof. Jumpei Tsujiuchi
09:55~10:25	AI Smart Photonics & Robots for Agriculture Applications	Shean-Jen Chen
10:25~10:45	Coffee Break	
Session II		
10:45~11:25	Polarization Holography and its Application to Optical Memory	Prof. Toyohiko Yatagai
11:25~11:55	Gold Nanoparticles of Specialized Geometries for Photothermal and Photodynamic Therapies	Prof. Chih-Chung Yang
11:55~12:25	Mid-infrared Hyperspectral Portable-camera for Healthcare Sensors, Environmental Measurements and Cultural Properties	Prof. Ichiro Ishimaru
12:25~13:30	Lunch@ PREMIER Restaurant ADD: 1F No. 26, Nanke 3rd Rd., Xinshi Dist., Tainan City 74147, Taiwan	
Session III		
13:30~14:00	Polarization Color and Its Applications	Prof. Kenji Harada
14:00~14:30	Complex-valued Neural Networks Revisited	Prof. Mitsuo Takeda
14:30~15:00	Smart 3D Indoor Mapping Based on Optical and Artificial Intelligence Technology	Prof. Ching-Cherng Sun
15:00~15:20	Coffee Break	
Session IV		
15:20~15:50	Application of Machine Learning for Optical Sensing and Imaging through Scattering Media	Prof. Jun Tanida
15:50~16:20	Colloidal Quantum Dots and Their Applications to Hybrid Optoelectronic Devices	Prof. Chien-Chung Lin
16:20~16:50	Applications of Nanosecond-resolved Fluorescence Lifetime Technique in Photosynthesis	Prof. Yi-Chun Chen
17:00~17:30	Director Wei-Cheng Lin (Southern Taiwan Science Park Bureau) Visit	
18:00~20:30	Banquet @ PREMIER Restaurant ADD: 1F No. 26, Nanke 3rd Rd., Xinshi Dist., Tainan City 741-47, Taiwan	

指導單位：科技部  科技部

Adviser: Ministry of Science and Technology

補助單位：科技部南部科學工業園區管理局、南科AI_ROBOT自造基地

Sponsorship: Southern Taiwan Science Park Bureau, AI_ROBOT@STSP

執行單位：國立交通大學台南校區光電學院

Implementer: College of Photonics, National Chiao Tung University

協辦單位：中華民國光電學會

Co-Organizer: Taiwan Photonics Society



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