

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

04/18-04/20

國立交通大學光電學院二樓研華國際會議廳(智慧光電農業機器人基地)

2F, Advantech International Conference Hall, College of Photonics, National Chiao Tung University (AI_Photonic_Agricultural_Robot@COPNCTU)

Time	Title	Speaker
04/18		
Session V		
09:00~09:30	Bio- Physical and Chemical Properties of Head and Neck Cancer Cell Lines with Distinct EMT (Epithelial-Mesenchymal Transition) Phenotypes in 2D and 3D Environments	Prof. Arthur E.T. Chiou
09:30~10:00	Measurement of Color Speckle in Laser Display	Prof. Kazuo Kuroda
10:00~10:30	Narrow-band Optical Absorber by Metasurface and Tamm Plasmon	Prof. Kuo-Ping Chen
10:30~10:50	Coffee Break	
Session VI		
10:50~11:20	Channeled Polarimetry — Snapshot and Compact Method for Polarization Measurement	Kazuhiko Oka
11:20~11:50	Digital Holographic Microscopy: From Ultrafast to Superresolution Imaging	Prof. Chau-Jern Cheng
11:50~12:20	Two-color Pump-probe Digital Holography	Prof. Yoshio Hayasaki
12:20~13:30	Lunch	
Session VII Special session in honor of Prof. Francis TS Yu		
13:30~14:10	Information Transmission with Quantum Limited Subspace	Prof. Francis Yu
14:10~14:40	Differential Interference Contrast Microscope and 3D Reconstruction by Pixelated Polarization Camera	Prof. Yukitoshi Otani
14:40~15:10	Discovery of Temporal Universe	Prof. Francis Yu
15:10~15:30	Coffee Break	
Session VIII		
15:30~16:10	Meta-device for Photonics in Demand	Prof. Din Ping Tsai
16:10~16:40	Optical Vortices Create Structured Materials	Prof. Takashige Omatsu
16:40~17:10	UAVs in agricultural applications	Prof. Tzung-Cheng Chen
17:10~17:40	Deep Learning Applied into the Price Forecasting of Agricultural Products and the Platform of Future Agriculture 4.0	Prof. Shu-Yi Liaw
18:30~20:30	Dinner @ A-Chu's Mess Hall ADD: No.1, Sec. 2, Baoda Rd., Gueiren Dist., Tainan City 71141, Taiwan	
04/19		
Session IX		
09:00~09:30	Holography as Architectural Decoration	Dr. Setsuko Ishii
09:30~10:00	Hologram Installation Ceremony	
10:00~12:30	Chimei Museum	
12:30~14:00	Lunch @ 3F Café Message of Chimei Museum	
14:00~	Off-site meeting & visit, Japanese delegates(Pingtung County)	

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



聯絡窗口

聯絡人：吳素絨

電話：06-3032121 分機 57877

Contact : Claire Wu

Phone: 06-3032121 # 57877