The University of Tokyo & Tsinghua University

The 7th Joint Symposium 2022

Online Workshop on

"Advanced Materials and Devices Research"

Wednesday, December 7th, 2022

13:00-16:30 CST, 14:00-17:30 JST

Zoom meeting: 894 6625 0117

Password: 491400

CST	JST	Presenter	Title	Chair person
13:00	14:00	Prof. Yu Wang *Dept. of Electron. Eng. THU*	*Opening Remarks*	Prof. Bing Xiong *Dept. of Electron. Eng. THU*
13:10	14:10	Prof. Yoshiaki Nakano *Dept. of EEIS, UTokyo*		
13:15	14:15	Prof. Takuya Maeda *Dept. of EEIS, UTokyo*	*GaN-Based Electronic Devices*	
13:35	14:35	Haoqiang Wang *Dept. of Electron. Eng. THU*	*Design of Freeform Optics Based on Differentiable Ray Tracing*	
13:50	14:50	Gan Li *Dept. of EEIS, UTokyo*	*Low-Temperature Photoluminescence Investigation of p-type C-Doped AlGaAs Grown By MOVPE on Vicinal Substrates*	
14:05	15:05	Yuxin Tian *Dept. of Electron. Eng. THU*	*150 GHz Bandwidth Modified Uni-Traveling-Carrier Photodiodes with 2.45 dBm Saturation Output Power*	
14:20	15:20	Maui Hino *Dept. of EEIS, UTokyo*	*Radiative Efficiency Enhancement of InGaP by Shallow Multiple Quantum Wells for Solar Cell Application*	
14:35	15:35	Yuqian Zhang *Dept. of Electron. Eng. THU*	*Stimulated Brillouin Scattering in Suspended AlGaAs Waveguides*	Prof. Changzheng Sun *Dept. of Electron. Eng. THU*
14:50	15:50	Kento Komatsu *Dept. of EEIS, UTokyo*	*Design and Fabrication of Metasurface for Surface-Normal Dual-Polarization Coherent Receiver*	
15:05	16:05	Prof. Richard Hogg *University of Glasgow, UK*	*Current Developments and Challenges in Photonic Crystal Surface Emitting Laser Diodes*	
15:25	16:25	Zhenhao Li *Dept. of Electron. Eng. THU*	*GaN-Based Blue-Green High-Speed Micro-LED Communication Light Source*	Prof. Takuo Tanemura *Dept. of EEIS, UTokyo*
15:40	15:40	Hiroki Miyano *Dept. of EEIS, UTokyo*	*Dimerized Plasmonic Grating with EO-Polymer for High-Speed Metasurface Modulator*	
15:55	16:55	Linlong Tian *Dept. of Electron. Eng. THU*	*Study of Kerr Microcomb Locking Characteristics Based on Self-Injection Locking*	
16:10	17:10	Prof. Lai Wang *Dept. of Electron. Eng. THU*	*Micro-LEDs for Next-Generation Display: Physics, Materials and Devices*	
16:30	17:30	Prof. Yi Luo *Dept. of Electron. Eng. THU*	*Closing Remarks*	