

Tsinghua University & the University of Tokyo
The 8th Joint Symposium 2023
Hybrid Workshop on

“Advanced Materials & Devices Research”

Student Poster Session Program

Date: Tuesday, November 7th, 2023

Time: 15:30-17:00 JST, 14:30-16:00 CST

Place: EE Meeting Rooms 1AB & 2, 3rd floor, Eng. Building II, UT Hongo Campus

JST	No.	Title	Presenter		Chair
15:30	P1	Surface-normal multi-core coherent receiver based on dielectric metasurface	Kento Komatsu	UT	Prof. Hongtao Li
15:33	P2	Molecular dynamics simulations and experimental studies on low-temperature growth of GaN	Xiang Li	THU	
15:36	P3	Design and demonstration of optical-frequency-comb-based coherent receiver circuit	Shuntaro Maeda	UT	
15:39	P4	Low-phase noise microwave signal generation using a soliton microcomb	Zhaoyi Wang	THU	
15:42	P5	Investigation on InGaAs front and rear hetero-junction solar cell	Depu Ma	UT	
15:45	P6	Design and demonstration of dielectric metasurface for surface-normal optical IQ modulator	Jun Nin	UT	
15:48	P7	Improved measurement method of relative intensity noise based on standard shot noise coefficient	Kongjia Wang	THU	
15:51	P8	Design and fabrication of back-illuminated surface-normal plasmonic modulator with electro-optic polymer	Koto Ariu	UT	