<b>Location: King's Resort and Spa</b> No. 72, Jinshui Village, Taian Township, Miaoli, Taiwan, 36541		
NO.		
	Day1: Oct. 15, 2022	
Time	Talk Title	
09:30 am ~ 10:00 am	Registration	
10:00 am ~ 10:05 am	Opening	
Session Chair: Prof. Jie-Hong Jiang (江介宏), Department of Electrical Engineering		
10:05 am ~ 10:25 am	Prof. Jiun-Haw Lee (李君浩), Department of Electrical Engineering	
	KD 光量子通訊技術	
10:25 am ~ 10:45 am	Prof. Chiao-Hsuan Wang (王香萱), Department of Physics	
10.25 ani ~ 10.45 ani	Toward the fundamental limits of efficient quantum transduction	
10:45 am ~ 11:05 am	Prof. Hao-Chung Cheng (鄭皓中), Department of Electrical Engineering Understanding the fundamental capabilities of quantum information processing	
11:05 am ~ 11:20 am	Tea Break	
Session Chair: Prof. Yuar		
	Prof. Jie-Hong Jiang (江介宏), Department of Electrical Engineering	
11:20 am ~ 11:40 am	A Symbolic Approach to Exact Quantum Circuit Simulation and Verification	
	Prof. Yen-Huan Li (李彥寰), Department of Computer Science and Information	
11:40 am ~12:00 pm	Engineering	
12:00 pm ~ 12:20 pm	Learning & optimization in the quantum setup   Prof. Ying-Jer Kao (高英哲), Department of Physics	
	Hybrid quantum-classical machine learning based on tensor network and	
	variational quantum circuit	
12:20 pm ~ 14:00 pm	Lunch	
Session Chair: Prof. Jiun-Haw Lee (李君浩), Department of Electrical Engineering		
14:00 pm ~ 14:20 pm 14:20 pm ~ 14:40 pm 14:40 pm ~ 15:00 pm	Prof. Chi-Te Liang (梁啟德), Department of Physics	
	Phase transitions in two dimensions	
	Prof. Mario Hofmann (謝馬利歐), Department of Physics	
	Emergent electronic properties in metallic nanoassemblies Prof. Chaw-Keong Yong (楊超強), Department of Physics	
	Light-matter integration in atomically thin quantum materials	
15:00 pm ~ 15:20 pm	Prof. Guin-Dar Lin (林俊達), Department of Physics	
	Trapped ion quantum computing: Our progress and outlook	
15:20 pm ~ 15:30 pm	Group Photos	
15:30 pm ~ 15:50 pm	Tea Break	
15:50 pm ~ 18:00 pm	Free discussion among research groups	
18:00 pm ~ 20:00 pm	Dinner	
Session Chair: Prof. Ying	-Jer Kao (高英哲), Department of Physics	
20:00 pm ~ 20:20 pm	Prof. Yuan-Chung Cheng (鄭原忠), Department of Chemistry	

20:20 pm ~ 20:40 pm	Prof. Sheng-Der Chao (趙聖德), Institute of Applied Mechanics
	A PhyMath approach to quantum algebra
20:40 pm ~ 21:00 pm	Prof. Hsi-Sheng Goan (管希聖), Department of Physics Silicon-based quantum-dot quantum computing
21:00 pm ~ 21:30 pm	Discussion on the short, medium and long-term research goals for the Center for Quantum Science and Engineering (CQSE)
21:30 pm ~	The End

Day2: Oct. 16, 2022	
07:00 am ~ 09:00 am	Breakfast
09:00 am ~ 11:00 am	Free discussion among research groups
11:00 am~	Departure