

International Meeting on Quantum Foundations and Quantum Information 2011

Dates : 16 ~ 17 November, 2011

Place : Seoul National University Dormitory(900 Dong) B1, GAON Hall

Web site : <http://qfqi.org>

Program

16 November 2011		
Time	Speaker	Title
08:30 ~	Registration (online registration required)	
Session I		Chair : Wonmin Son
08:55~09:00	Hyunseok Jeong	Opening Remarks
09:00~09:40	Vlatko Vedral	What is quantum discord useful for?
09:40~10:20	Byung Seung Ham	Quantum coherence control of photon echoes for quantum memory applications
10:20~10:40	Coffee Break	
Session II		Chair : Jungsang Kim
10:40~11:20	Marco Bellini	Manipulating pulsed light at the single-photon level and investigating the "shape" of ultrashort quantum states
11:20~12:00	Kyungwon An	Quantum optics and quantum information in a cavity-QED system
12:00~12:05	Photo Time	
12:05~13:30	Lunch	
Session III		Chair : Soojoon Lee
13:30~14:10	Jungsang Kim	Modular Universal Scalable Ion-trap Quantum Computer
14:10~14:50	Yoon-Ho Kim	Non-physical operations for quantum information
14:50~15:20	Coffee Break	
Session IV		Chair : Mahn-Soo Choi
15:20~16:00	Sang Wook Kim	Szilard's information heat engine in the quantum world
16:00~16:40	Sang Kyung Choi	Multiqubit Entanglement for One-Way Quantum Computation
16:40~17:00	Coffee Break	
Session V		Chair : Hyunseok Jeong
17:00~18:00	Anton Zeilinger	Open Plenary Session : Quantum Games, Quantum Information, and the Foundations of Quantum Physics

17 November 2011		
Time	Speaker	Title
		Session I Chair : Seung-Woo Lee
09:00~09:40	Timothy C. Ralph	Advances in Optical Quantum Computing
09:40~10:20	Jaewan Kim	Optical Qudit Teleportation
10:20~10:40	Coffee Break	
		Session II Chair : Chil-Min Kim
10:40~11:20	Radim Filip	Single photon nonclassicality revisited: theory and experiment
11:20~12:00	Jinhyoung Lee	Operational quasiprobability function to refute hidden variable models of macroscopic local realism
12:00~13:30	Lunch	
		Session III Chair : Radim Filip
13:30~14:10	Wonmin Son	Quantum correlation in complex space and its measurement
14:10~14:50	Hyunseok Jeong	Optical Hybrid Approach to Quantum Computation
14:50~14:55	Jinhyoung Lee	Remarks
14:55~15:10	Coffee Break	
15:10~16:50	Poster Session	

* Wi-Fi wireless internet access is available (T wifi zone).