

Session Program

8-10 Jun 2016

Siam Physics Congress 2016

Session XXVII

Thursday 9 June

13:30

Session XXVII: Tr. 3 Atomic physics, Quantum physics and Chemical Physics

Session | Location: Room Th

13:30-14:00

Reconfigurable two-qubit gates for single photon polarization state

Speaker

Pruet Kalasuwan

14:00-14:15

Simulation of Double Quantum Dots Charge Qubit Manipulation with Electric Field Pulses

Speaker

Mr Aniwat Kesorn

14:15-14:30

Initiation of a partially pinned scroll wave in excitable chemical media

Speaker

Mr Porramain Porjai

14:30-14:45

Quantum Molecular Dynamics Simulation of an Atom Encapsulation by Fullerene

Speaker

Somphoach Saichaemchan

14:45-15:00

Quantum Molecular Dynamics Simulation of Lithium Ion in Water Cluster

Speaker

Phadungkiat Kwangkaew

15:00-15:15

Two-Photon Interference in An Optical Gating Michelson Interferometer

Speaker

Mr Ekkarat Pongophas

15:15-15:30

Time Evolution of Gaussian Wave Packets under Dirac Equation with Fluctuating Mass and Potential

Speaker

Mr Atis Yosprakob

15:30