

Session Program

24-26 May 2017



Siam Physics Congress 2017

A3: Optics and Photonics

Rayong Marriott Resort & Spa

<http://www.marriott.com/hotels/travel/bkkrr-rayong-marriott-resort-and-spa/> Rayong, Thailand

Wednesday 24 May

16:00

A3: Optics and Photonics

Session | Location: Ballroom 1 | Conveners: Prof. Nattaporn Chattham, Prof. Apichart Pattanaporkrattana

16:00–16:25	Digital holographic 3D imaging spectrometry (a review) Speaker Prof. Kyu Yoshimori
16:25–16:50	Deterministic cavity quantum dot coupling and fabrication of an ultrabright source of entangled photon pairs Speaker Dr Adrien Dousse
16:50–17:05	Design of a solar-pumped frequency-doubled 532 nm Nd:YVO4 laser Speaker Mr Phumipat Kittiboonanan
17:05–17:20	Silicon nitride waveguide-integrated Ge/SiGe quantum wells optical modulator Speaker Dr Papichaya Chaisakul
17:20–17:35	Feasibility study of a dual wavelength laser cleaner Speaker Kanokwan Chongcharoen
17:35–17:50	Development of a compact transmission Raman spectroscopy for in field analysis Speaker Mr Piyawat Kaewjaijong
17:50–18:05	Optically Remote Noncontact Heart Rates Sensing Technique Speaker Ms Waraporn Thongkongoum
18:05–18:20	Closed-form formulae of effective parameters of stacked fishnet metamaterial Speaker Dr Piyawath Tapsanit
18:20–18:35	Ultra-high green light transparency coating on 1D photonic crystal structure Speaker Mr Teanchai Chantakit

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