

Session Program

May 24 - 26, 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

Wed, May 24

4:00 PM

A3: Optics and Photonics

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

4:00 – 4:25 PM **Digital holographic 3D imaging spectrometry (a review)**

Speaker

Prof. Kyu Yoshimori

4:25 – 4:50 PM

Deterministic cavity quantum dot coupling and fabrication of an ultrabright source of entangled photon pairs

Speaker

Dr Adrien Dousse

4:50 – 5:05 PM

Design of a solar-pumped frequency-doubled 532 nm Nd:YVO4 laser

Speaker

Mr Phumipat Kittiboonanan

5:05 – 5:20 PM

Silicon nitride waveguide-integrated Ge/SiGe quantum wells optical modulator

Speaker

Dr Papichaya Chaisakul

5:20 – 5:35 PM

Feasibility study of a dual wavelength laser cleaner

Speaker

Kanokwan Chongcharoen

5:35 – 5:50 PM

Development of a compact transmission Raman spectroscopy for in field analysis

Speaker

Mr Piyawat Kaewjaijong

5:50 – 6:05 PM

Optically Remote Noncontact Heart Rates Sensing Technique

Speaker

Ms Waraporn Thongkongoum

6:05 – 6:20 PM

Closed-form formulae of effective parameters of stacked fishnet metamaterial

Speaker

Dr Piyawath Tapsanit

6:20 – 6:35 PM

Ultra-high green light transparency coating on 1D photonic crystal structure

Speaker

Mr Teanchai Chantakit

6:35 PM