

Session Program

24-26 May 2017



Siam Physics Congress 2017

A15: Atomics

Rayong Marriott Resort & Spa

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

Thursday 25 May

15:20

A15: Atomics

Session | **Location:** Ballroom 1 | **Conveners:** Sutee Boonchui, Bumned Soodchomshom

15:20-15:35

Generation of spiral waves pinned to obstacles in a simulated excitable system

Speaker

Ms Metinee Phantu

15:35-15:50

Effect of a modified sinusoidal forcing on spiral waves in a simulated reaction-diffusion system.

Speaker

Ms Kritsana Khaothong

15:50-16:05

Investigation of transmission properties of a simple quantum Tesla valve

Speakers

Mr Jirayu Mongkolkiattichai, Mr Sorawich Maichum

16:05-16:20

Ab initio study on the effect of phenyl substitution on the binding of carbon dioxide to salcomine

Speaker

Mr Meliton Chiong III

16:20-16:35

Molecular dynamics study of the elastic properties of copper-silver alloys using embedded atom model potentials

Speaker

Mr Jan Fronimarc Viloría

16:35-16:50

Ionic effects on the DNA denaturation and DNA unzipping

Speaker

Dr Sitichoke Amnuanpol

16:50