

## **Session Program**

**24-26 May 2017**



# **Siam Physics Congress 2017**

## ***A1: Biological***

Rayong Marriott Resort & Spa

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

## Wednesday 24 May

13:30

### A1: Biological

**Session** | **Location:** Ballroom 1 | **Conveners:**

Prof. Jirasak Wong-ekkabut, Thana Sutthibutpong, Dr Pongsakorn Jantaratana

13:30-13:45

#### Effects of Relaxation on Drag Force and Diffusivity of Highly Charged Spherical Particles in Cylindrical Pores

##### Speakers

Kittipitch Yooprasertchuti, Dr Panadda Dechadilok

13:45-14:00

#### Blood type screening on polymeric strip test for clinical samples

##### Speaker

Mr Chanwit Kataphiniharn

14:00-14:15

#### Unpinning of spiral waves from rectangular obstacles by stimulated wave trains

##### Speaker

Ms Benjamas Ponboonjaroenchai

14:15-14:30

#### Improvement of electrocardiogram by empirical wavelet transform.

##### Speaker

Ms Vikanda Chanchang

14:30-14:45

#### Pesticide Detection Based on Ion Sensitive Field Effect Transistor

##### Speaker

Mr Supanat Sasipongpana

14:45-15:00

#### Electrical based harvesting of microalgae: Type electrodes

##### Speakers

Mr Piyachat Wungmool, Mr Wu Zhe, Mr Nakorn Kumchaiseemak, Ms Sirinaree Supansomporn, Mrs Malee Sutthiopas, Mr Niran Jantawong

15:00