

## **Session Program**

**May 24 - 26, 2017**



# **Siam Physics Congress 2017**

## ***A7: Astronomy I***

Rayong Marriott Resort & Spa

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

## Thu, May 25

7:45 AM

### A7: Astronomy I

**Session** | **Location:** Ballroom 2 | **Conveners:** Dr Maneenate Wechakama, Dr Peera Pongkitiwanchakul

7:45 – 8:00 AM

#### Search for Galactic Dark Matter from Gamma-ray Spectral Lines with Fermi-LAT Data

**Speaker**

Ms Natthakan Thanapreechanan

8:00 – 8:15 AM

#### Simulations of the South Pole Neutron Monitors

**Speaker**

Mr Mitchell Ahlswede

8:15 – 8:30 AM

#### Time Variations of Oxygen Emission Lines and Solar Wind Dynamic Parameters in Low Latitude Region

**Speaker**

Ms Paporin Jamlongkul

8:30 AM

8:30 AM

### A7: Astronomy I

**Session** | **Location:** Ballroom 2 | **Conveners:** Dr Peera Pongkitiwanchakul, Dr Maneenate Wechakama

8:30 – 8:45 AM

#### Transmission spectroscopy analysis of inflated exoplanets

**Speaker**

Dr Supachai Awiphan

8:45 – 9:00 AM

#### Reverberation Mapping of Hamburg/ESO Catalog Quasars

**Speaker**

Mr Bovornpratch Vijarnwannaluk

9:00 – 9:15 AM

#### Bare Neutron Counter and Neutron Monitor Response to Cosmic Rays during a 1995 Latitude Survey

**Speaker**

Dr Waraporn Nuntiyakul

9:15 – 9:30 AM

#### Spectral detection of Oxygenic and Anoxygenic Photosynthesis on Extrasolar Planets like Proxima Centauri b.

**Speaker**

Dr Raymond J. RITCHIE

9:30 – 9:45 AM

#### SEARCHING FOR NEW MILLISECOND PULSARS WITH THE GBT INFERRMI UNASSOCIATED SOURCES

**Speaker**  
Dr Siraprapa Sanpa-arsa

9:45 - 10:00 AM **Massive gravity in higher dimension**

**Speaker**  
Mr Ratchaphat Nakarachinda

10:00 - 10:15 AM **Traversable Wormholes in Massive Gravity theory**

**Speaker**  
Mr Nopadhol Kamma

10:15 - 10:30 AM

**Constraints on Dark Matter Annihilation by Synchrotron Emission based on Planck Data**

**Speaker**  
Mr Chalit Muanglay

10:30 - 10:45 AM **Radial velocity observations of OB1d association in NGC 1977**

**Speaker**  
Mr Watunyoo Patwong

10:45 AM