

Session Program

24-26 May 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

Thursday 25 May

07:45

A7: Astronomy I

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

07:45–08:00

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

Speaker

Ms Natthakan Thanapreechanan

08:00–08:15

Simulations of the South Pole Neutron Monitors

Speaker

Mr Mitchell Ahlswede

08:15–08:30

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

Speaker

Ms Paparin Jamlongkul

08:30

08:30

A7: Astronomy I

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

08:30–08:45

Transmission spectroscopy analysis of inflated exoplanets

Speaker

Dr Supachai Awiphan

08:45–09:00

Reverberation Mapping of Hamburg/ESO Catalog Quasars

Speaker

Mr Bovornpratch Vijarnwannaluk

09:00–09:15

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

Speaker

Dr Waraporn Nuntiyakul

09:15–09:30

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

Speaker

Dr Raymond J. RITCHIE

09:30–09:45

SEARCHING FOR NEW MILLISECOND PULSARS WITH THE GBT INFERMI UNASSOCIATED SOURCES

Speaker

Dr Siraprapa Sanpa-arsa

09:45-10:00

Massive gravity in higher dimension**Speaker**

Mr Ratchaphat Nakarachinda

10:00-10:15

Traversable Wormholes in Massive Gravity theory**Speaker**

Mr Nopadhol Kamma

10:15-10:30

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

Mr Chalit Muanglay

10:30-10:45

Radial velocity observations of OB1d association in NGC 1977**Speaker**

Mr Watunyoo Patwong

10:45