

Session Program

21-23 May 2018

Siam Physics Congress 2018

A14: Environment

Topland | Hotel & Convention Center Phitsanulok
<http://www.toplandhotel.com/index.php> Phitsanulok, Thailand

Tuesday 22 May

09:00

A14: Environment

Session | Location: Lopburi Room | Convener: Dr Somchai Jijajitsawat

09:00-09:15

The effect of vortex generator materials and L/D ratios on performance of stainless vortex tube

Speaker

Ms Sineeporn Jansawang

09:15-09:30

Heat Transfer of a Heat Pipe on fins using Silver nanofluid

Speaker

Dr Pattanapol Meena

09:30-09:45

Effect of Position of fins to Heat Transfer of a Closed-Loop Oscillating Heat Pipe with Check Valves

Speaker

Dr Pattanapol Meena

09:45-10:00

Theoretical study in efficiency of modified Zeer refrigerator

Speaker

Mr Thatchai Srimuninnimit

10:00-10:15

Utilization of Pbl₂ recycle for perovskite solar cell fabrication

Speaker

Ms Jaruwan Yakiangngam

10:15-10:30

Method to determine the single curve IV characteristic parameter of solar cell

Speaker

Mrs Sukanya Khunchan

10:30

10:45

A14: Environment

Session | Location: Lopburi Room | Convener: Prof. Thiranan Sonkaew, Ronald Macatangay

10:45-11:00

Study fish crackers from NARATHIWAT province drying for low oil by microwave oven

Speaker

Mr mutafa yapha

11:00-11:15

Estimation of daily global solar radiation at Lopburi province from meteorological parameters using artificial neural network

Speaker

Dr Pranomkorn Choosri

11:15-11:30 A model for calculating daily near infrared solar radiation

Speaker

Ms Warangkana Thongrasmee

11:30-11:45 Atmospheric Modelling Systems for Southeast Asian Region

Speaker

Dr Vanisa Surapipith

11:45-12:00

The Influence of Meteorology on ambient PM2.5 and PM10 concentration in Chiang Mai

Speaker

Mr Siriphong Ruttanawongchai

12:00-12:15

Estimation of Atmospheric Precipitable Water Vapour in Thailand using an Artificial Neural Network

Speaker

Ms Jindarat Pariyotorn

12:15

10:45

A14: Environment

Session | **Location:** Uthai Thani | **Convener:** Dr Waraporn Rattanongpisat

10:45-11:00

Structure and Mechanism of Phayao Fault Zone: Understanding the origin of 5th May 2014, \$M_w\$ 6.5, Pan earth quake and its aftershocks

Speaker

Dr Sutthipong Noisagool

11:00-11:15

TNRO: current status and its benefits for geophysics

Speaker

Ms Nattaporn Thoosaenggam

11:15