

Siam Physics Congress 2018

Tuesday, 22 May 2018

A14: Environment - Lopburi Room (09:00 - 10:30)

-Conveners: Somchai Jiajitsawat

time	[id] title	presenter
09:00	[510] The effect of vortex generator materials and L/D ratios on performance of stainless vortex tube	Ms JANSAWANG, Sineeporn
09:15	[650] Heat Transfer of a Heat Pipe on fins using Silver nanofluid	Dr MEENA, Pattanapol
09:30	[716] Effect of Position of fins to Heat Transfer of a Closed-Loop Oscillating Heat Pipe with Check Valves	Dr MEENA, Pattanapol
09:45	[673] Theoretical study in efficiency of modified Zeer refrigerator	Mr SRIMUNINNIMIT, Thatchai
10:00	[468] Utilization of PbI ₂ recycle for perovskite solar cell fabrication	Ms YAKIANGNGAM, Jaruwan
10:15	[442] Method to determine the single curve IV characteristic parameter of solar cell	Mrs KHUNCHAN, Sukanya

A14: Environment - Lopburi Room (10:45 - 12:15)

-Conveners: Ronald Macatangay; Thiranan Sonkaew

time	[id] title	presenter
10:45	[809] Study fish crackers from NARATHIWAT province drying for low oil by microwave oven	Mr YAPHA, mutafa
11:00	[514] Estimation of daily global solar radiation at Lopburi province from meteorological parameters using artificial neural network	Dr CHOOSRI, Pranomkorn
11:15	[505] A model for calculating daily near infrared solar radiation	Ms THONGGRASMEE, Warangkana
11:30	[620] Atmospheric Modelling Systems for Southeast Asian Region	Dr SURAPIPITH, Vanisa
11:45	[593] The Influence of Meteorology on ambient PM _{2.5} and PM ₁₀ concentration in Chiang Mai	Mr RUTTANAWONGCHAI, Siriphong
12:00	[512] Estimation of Atmospheric Precipitable Water Vapour in Thailand using an Artificial Neural Network	Ms PARIYOTORN, Jindarat

A14: Environment - Uthai Thani (10:45 - 11:15)

-Conveners: Waraporn Rattanongpisat

time	[id] title	presenter
10:45	[745] Structure and Mechanism of Phayao Fault Zone: Understanding the origin of 5th May 2014, M _w 6.5, Pan earthquake and its aftershocks	Dr NOISAGOOL, Sutthipong
11:00	[486] TNRO: current status and its benefits for geophysics	Ms THOONSAENGNGAM, Nattaporn