

Session Program

21-23 May 2018

Siam Physics Congress 2018

A014: Environment (Poster)

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

Tuesday 22 May

15:00

A014: Environment (Poster)

Poster Session | Location: Ayutthaya Room

Energy Consumption and quality attributes for drying postharvest of dragon fruit (*Hylocereus undatus*) following disinfecting hot air treatments

Speaker

Mr Sirakop Boonsuwan

Study and Analysis of Particulate Matter Sources in Lampang

Speakers

Ms Supaporn Inpun, Ms Anchanida Jumkhammoon

Sources and trajectories of particulate matter measured at Lampang Rajabhat University

Speakers

Mr Rapeepat Panampai, Mr Jedsada Wongpun

THE EFFECT OF GRANULAR MATERIAL ON STRESS STATE TRANSDUCER

Speaker

Mr Dithaporn Thungsotanon

Levels of Indoor Radon Concentration in Schools: Case Study in Schools in the Northeast Thailand

Speaker

Ms P. Sola

Study on corn silk drying for corn silk tea

Speaker

Dr Salinee Acharry

Estimation of attenuation coefficient of solar radiation in the atmosphere of Thailand

Speaker

Mr Sayan Phokate

Grain size and moisture content effects soil sample properties in portable X-ray fluorescence analysis of geological samples

Speaker

Dr Sasikarn Nuchdang

Estimation solar radiation in Thailand using Angstrom-Prescott model and Interpolation empirical coefficients

Speaker

Kulaya Keawsang-in

Heat Production of Radioactive ^{238}U ^{232}Th and ^{40}K in Thung Nui Hot Spring Rocks Area, Satun Province Southern of Thailand

<p>Speaker Ms Pitchilai Khoonphunnarai</p>
<p>Effects of clouds on solar radiation at Songkhla.</p> <p>Speaker Mr Phayao Yongsiriwith</p>
<p>Physical Properties and Micro Structure of Fuel Pellet Made from Part of Tree in Southern Thailand</p> <p>Speaker Wassachol Wattana</p>
<p>Fabrication hydrogen generation system from CNT/Al application backup power of PEMFC stacks</p> <p>Speaker Mr Pornchai Chinnasa</p>
<p>Recurrent Geomagnetic Storms and Equinoctial Ionospheric F-Region in the Low Magnetic Latitude: A Case Study</p> <p>Speaker Dr Thana Yeeram</p>
<p>Subsurface fault investigation in Chiang Rai province, northern Thailand by integrated geophysical surveys.</p> <p>Speaker Ms Chulalak Sundod</p>
<p>Study of Floater for Electricity Production from Wave Energy</p> <p>Speaker Dr Naruebodee Srisang</p>
<p>The analysis of correlation between the outdoor temperature and electric energy consumption of air-conditioning system based on moist air properties</p> <p>Speaker Dr Waraporn Rattanongphisat</p>
<p>Applying Isotope Techniques for Identifying Groundwater Dynamic in Phrae Basin</p> <p>Speaker Mr Kiattipong Kamdee</p>
<p>Numerically Simulations the Germinated Parboiled Thunya-sirin Glutinous Rice under a Combined Far infrared Radiation and Air Convection Drying</p> <p>Speakers Dr Mali Sarobol, Mr Preedok Sarobol</p>
<p>Elemental quantification of airborne particulate matter at Nong kung tao, Thasongkhorn Sub-ditric, Muang district, Mahasarakham Province, by x-ray fluorescence technique</p> <p>Speakers Mr piriya praneekeit, Mr thanin rudchapo, CHamp Pongsathorn</p>
<p>Determination of Heat Transfer Coefficient of Organic Chiangda Tea (<i>Gymnema inodorum</i> Lour.) under Hot Air Convection Drying</p>

<p>Speaker Mr Suriya Ruttanasuriyakorn</p>
<p>Stable isotope ratio of local rice samples in Thailand</p> <p>Speaker Dr Chunyapuk Kukusamude</p>
<p>A pilot study stable isotope ratio and elemental compositions in Bird's Claw Rice (Khao Leb Nok) in the south of Thailand</p> <p>Speaker Dr Supalak Kongsri</p>
<p>The studying of Soil Gas Radon Probe coupled with RAD7 to identify Active Faults</p> <p>Speaker Mr Vitsanusat Atyotha</p>
<p>Development of Germinated Parboiled Thunya-sirin Glutinous Rice Product under Modified Greenhouse Dryer</p> <p>Speakers Ms Nisachon Artwongsa, Ms Pawinee Saemsri</p>
<p>Building a Charcoal Extruder by using Bicycle Power</p> <p>Speakers Mrs Duangkamol Dangphonhong, Wasan Pinate</p>
<p>Evaluation of Southwest Monsoon Change over Thailand by High-resolution Regional Climate Model</p> <p>Speaker Theerapat Arpornrat</p>
<p>Study of Z-R relationship among different topographies in Northern Thailand</p> <p>Speaker Namfhon Auipong</p>
<p>Variability in the Frequency of Temperature over Thailand using Wavelet Transform</p> <p>Speaker Dr Nipon Thangprasert</p>
<p>Study of Radar Rainfall Estimation using Geographic Information Systems over Chiang Mai Province</p> <p>Speaker Ms Kevalin Inlaung</p>
<p>A study of relation between Enso index and the change of rainfall in Thailand</p> <p>Speaker Suticha Khonsalad</p>
<p>Preparation of the CsPbBr₃ perovskite film for using as the light absorber in the hole-free transport materials for perovskite solar cells</p> <p>Speaker Mr Vallop Homrahad</p>

Potential effects of rain intensity and evaporative loss on the stable isotope compositions of surface water in Kamphaeng Phet, Thailand

Speaker

Mr Wutthikrai Kulsawat

Impact of Phosphate Fertilizers on the Uranium and Thorium of Cultivated Soils Profiles, Kamphaeng Phet, Thailand

Speaker

Ms Boonsom Porntepkasemsan

Investigation Effective Moisture Diffusivity and Activation Energy on Convective Hot Air Drying Assisted Extraction of Dragon Fruit Slices

Speaker

Dr Mali Sarobol

Mathematical Model Suitability for Thin-Layer Drying of Chiangda Herbal Tea (*Gymnema inodorum* Lour.) under Modified Greenhouse Dryer

Speaker

Dr Mali Sarobol

Comparison of Spatial rainfall amount from Meteorology Radar and Ground Station over Chiang Mai province

Speaker

Ms Chanaporn Muang-une

Rainfall Estimation from Radar in different seasons over Northern Thailand

Speaker

Papatsorn Aumjira

Comparison Study of Efficiency and Property of Fuel Briquette by Electrical Machine by Motor and Hand Machine Using Bicycle

Speakers

Mrs Duangkamol Dangphonhong, Wasan Pinate

A Study of the Efficiency of Charcoal Briquettes from *Canarium Sabulatum* Guillaumin and *Xylia Xylocarpa*

Speaker

Mrs Duangkamol Dangphonhong

Study the Correlation between Solar Storms and Earthquakes

Speaker

Ms Nawarat Seetapong

16:00