

Session Program

21-23 May 2018

Siam Physics Congress 2018

A08: Instrument (Poster)

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

Monday 21 May

17:45

A08: Instrument (Poster)

Poster Session | **Location:** Ayutthaya Room

A Particle Detection Modeling of Non-contact Coplanar Differential Impedance Sensor in Microfluidic System

Speaker

Mr Korkuson Masaen

Detecting concentration of Bilirubin in the neonates by using absorption of light

Speakers

Ms Jidapa Jermjaroong, Ms Chanisara Pawirunsiri

Measurement of sound absorption coefficients for panels made of rice straw, pine leaves, and grey sedge

Speaker

ภนิดา ทองจำปา

Sensitive layer and charge collection optimization of MAPS for the ALICE ITS upgrade

Speaker

Wanchaloem Poonsawat

Grazing Incident X-Ray Diffraction using Synchrotron Light at SLRI

Speaker

Ms Miskawan Sripakdee

Studies on the Possibility of Determination of Uranium and Thorium Concentration in the Thai Monazite Ore Processing Samples Using Gamma-ray Spectrometry Technique

Speaker

Dr Dussadee Rattanaphra

Elemental and Chemical Analyses of Low Quality Mogok Ruby

Speaker

Ms Jongrak Borsup

Uncertainty Estimation of pH Measurement by ISFET sensor

Speaker

Ms Apirada Vijittumrongsuk

Quadcopter flight controlled by microcontroller

Speaker

Meechai Homchan

Measuring porosity with air displacement volume

Speaker

Mr Thammarong Thammarong Eadkhong

Contrivance and Modification of In-house Brinell Hardness Tester for BHN Determination of Soft Materials

Speaker

Dr Rakdiaw Muangma

Development of Temperature Equipment base on Pt100 Sensor for Gauge Block Calibration Process

Speakers

Sakchai Chomkokard, Dr Noparit Jinuntuya

The collection and identification of gunshot residues to distinguishing 4 types of bullets by inductively coupled plasma mass spectrometry

Speaker

Dr Gedsirin Eksinitkun

Exploring pomelo for its electrical capacitance with parallel plates

Speaker

Ms Sutharat Rattana

Simulation and design of automatic microwave heating system for studying effect of microwave on quality of crude palm oil

Speaker

Dr Mudtorlep Nisoa

The generated electrical signal of piezoelectric sensor by a single pulse

Speaker

Mr Sumit Jirungnimitsakul

The controller and monitoring system of 1-10 kV high voltage power supply

Speaker

bundasak angmanee

Development DC Plasma Torch for High-temperature Processing

Speaker

Ridhvee Taleh

Development of the PID controller and real-time monitoring system for a low-temperature furnace

Speaker

Tommakran Pangya

TRIBOLOGICAL CHARACTERIZATION OF ELECTRONIC GRADE LUBRICANTS USING BALL-ON-DISK TRIBOMETER

Speaker

Ms Sawanee Jitphayomkun

Light Curve Analysis and System Parameters of Contact Binary V608 Cassiopeiae

Speaker

Patapong Panpiboon

Development of the low cost hot plate temperature controller using Arduino Uno R3.

18:45

Speaker

Pisitpong Hernmek

Directivity of a Thai Low-pitched Bowed String-instrument, Saw-U

Speaker

Mr Kajornpop Toboonchuay

Design and Construction of Torque Magnetometer for Magnetic Properties Investigation

Speaker

Mr Siripong Watthanasongsin