

Session Program

21-23 May 2018

Siam Physics Congress 2018

A02:Physics Education (Poster)

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

Monday 21 May

17:45

A02:Physics Education (Poster)

Poster Session | Location: Ayutthaya Room

A Comparison of Gravitational Acceleration Measurement Methods for Undergraduate Experiment

Speaker

Ms Nathaporn Suwanpayak

Students' Alternative conception in Vector Addition and Subtraction

Speakers

Ms Rungrat Sansri, Ms Umporn Wutchana

Low-Cost DIY Anemometer based on LabVIEW interface for Arduino

Speaker

Dr Meechai Thepnurat

The Speed of Sound in Air of Pipe Acoustic Resonance via the Arduino with LabVIEW Interface

Speaker

Mr Parinya Saphet

Using the Arduino with LabVIEW on Moment of Inertia experiment

Speaker

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The misconceptions in learning celestial sphere of students, science teacher students and science teachers.

Speaker

Dr JIRADAWAN HUNTULA

Students' learning in Physics Laboratory

Speaker

Ms Ruhaisa Dearamae

The Development of Metacognitive Control through the Metacognitive Development Process in Science Classroom

Speaker

Ms Punyanuch Tapsai

Measuring sound speed in the air with Phiang Aw flute

Speaker

Mr Naruepon Weerawongphrom

Uncertainty Analysis of Linear Least Square Fitting Apply to Non-linear Model

Speaker

Ms Thanaporn Arunthong

Virtual X-Ray Diffractometer using acoustic wave for material science education

Speaker

Dr Suwan Plaipichit

Photogate sensor for compound physical pendulum experiments**Speaker**

Ms Nutchanat Suchatpong

A low-cost Arduino microcontroller for measuring magnetic fields in a solenoid**Speaker**

Mr Wissarut puaypong

Analysis of Students' Conceptions in Vectors with Mechanics Context**Speaker**

Mr Teewin Mahachok

Optimized conditions of Schlieren photography**Speaker**

Dr Pornrat Wattanakasiwich

Students' SCIENTIFIC MODELS OF Momentum**Speaker**

Rujira Sinchai

Survey of Understanding conceptual about the Red Moon during Lunar Eclipse of the first year undergrad student, school of science, University of Phayao, academic year 2017**Speaker**

Ms Patchamon Woonoon

A STEM Education Activity in Physics on "Designing and Making Khom Loy (Small Thai Traditional Hot-Air Balloons)"**Speakers**

Dr Chalognchai Teevasuthornsakul, Mr Sattawat Chaayasit

A study of matter-wave diffraction for particle in the near field regime under the influence of a uniform electric field**Speaker**

Mr Chaimongkol Artyotha

Pencil on paper as low cost alternative resistors**Speaker**

Ms Chosita Inyeo

18:45