



# Siam Physics Congress 2018

## Monday 21 May 2018

**A02:Physics Education (Poster) - Ayutthaya Room (17:45 - 18:45)**

[id] title	presenter	board
[467] Low-Cost DIY Anemometer based on LabVIEW interface for Arduino	Dr THEPNURAT, Meechai	
[544] Students' Alternative conception in Vector Addition and Subtraction	Ms SANSRI, Rungrat Ms WUTCHANA, Umporn	
[421] A Comparison of Gravitational Acceleration Measurement Methods for Undergraduate Experiment	Ms SUWANPAYAK, Nathaporn	
[451] The Speed of Sound in Air of Pipe Acoustic Resonance via the Arduino with LabVIEW Interface	Mr SAPHET, Parinya	
[450] Using the Arduino with LabVIEW on Moment of Inertia experiment	TONG-ON, anusorn	
[529] A study of matter-wave diffraction for particle in the near field regime under the influence of a uniform electric field	Mr ARTYOTHA, Chaimongkol	
[547] A STEM Education Activity in Physics on "Designing and Making Khom Loy (Small Thai Traditional Hot-Air Balloons)"	Dr TEEVASUTHORNSAKUL, Chalognchai Mr CHAIYASIT, Sattawat	
[590] 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	Ms WOONON, Patchamon	
[616] Optimized conditions of Schlieren photography	Dr WATTANAKASIWICH, Pornrat	
[617] Analysis of Students' Conceptions in Vectors with Mechanics Context	Mr MAHACHOK, Teewin	
[660] Photogate sensor for compound physical pendulum experiments	Ms SUCHATPONG, Nuchanat	
[715] Uncertainty Analysis of Linear Least Square Fitting Apply to Non-linear Model	Ms ARUNTHONG, Thanaporn	
[808] The misconceptions in learning celestial sphere of students, science teacher students and science teachers.	Dr HUNTULA, JIRADAWAN	
[787] The Development of Metacognitive Control through the Metacognitive Development Process in Science Classroom	Ms TAPSAI, Punyanuch	
[614] Students' SCIENTIFIC MODELS OF Momentum	SINCHAI, Rujira	
[807] Students' learning in Physics Laboratory	Ms DEARAMAE, Ruhaisa	
[720] Measuring sound speed in the air with Phiang Aw flute	Mr WEERAWONGPHROM, Naruepon	
[690] Virtual X-Ray Diffractometer using acoustic wave for material science education	Dr PLAIPICHIT, Suwan	
[654] A low-cost Arduino microcontroller for measuring magnetic fields in a solenoid	Mr PUAYPUNG, Wissarut	
[741] Pencil on paper as low cost alternative resistors	Ms INYEO, Chosita	