

1. Physics Innovation and Education

Code	Title	Presenter
P-S1-1	Automated Detection Methodology Using Machine Vision System for Counting Baby Giant River Prawn	Saksun Srisai
P-S1-2	Automatic Stomata Detection and Counting by Machine Vision System	Pongsathorn Kongkeaw
P-S1-3	Machine Vision System for Non-Destructive Monitoring of Fertilized and Non-Fertilized Eggs	Chanunthida Horawech
P-S1-4	A STEM Activity in Design and Development of a Simple Machine Using 3D Printing and GoGo Board	Kittikan Sriwitaya
P-S1-5	Applications of Electronic Nose (E-nose) for Differentiating Beef, Pork, Cow's Blood, and Pig's Blood	Supakorn Harnsoongnoen
P-S1-6	Inflatable Boxing Pads with Air Pressure Sensor System for Measuring Kick Force in Muay Thai	Meechai Thepnurat
P-S1-7	Arduino-Based Physics Experiment to Measure the Speed of Sound in Air	Suttida Rakkapao
P-S1-8	Development of ideal gas kit using pressure and temperature sensors via Arduino	Preedaporn Suwande
P-S1-9	An Accuracy Study of Contact and Non-Contact Clinical Thermometers at the Songklanagarind Hospital, Thailand	Mahdee Samae
P-S1-10	The Assessment of the Accuracy and Reliability of Clinical Thermometers for the Measurement of Body Temperature at Maharaj Nakorn Chiang Mai Hospital	Nikorn Shinsuphan
P-S1-11	Effect of Geometry and Alignment of the Vibrating Structure on Acoustic Streaming	Veroj Boonyaraj
P-S1-12	Effect of Finger Pressure on Blood Pressure Measurement Using Photoplethysmography	Piyakorn Numim
P-S1-13	The Design and Development of Weight and Height Measurement to Analyze Body Mass Index (BMI) via the Internet Network	Thitichaya Lueangrueang
P-S1-14	Development of a Cost-Effective IoT-Based Water Meter Reading System using Solar-Powered Mobile Phones and YOLO Algorithm for Thai Metropolitan Waterworks	Krittapas Kitiwattanakorn
P-S1-15	Demonstration of lower-level troposphere atmospheric pressure survey with the smartphone sensors and Phyphox application	Watcharawuth Krittinatham
P-S1-16	Application of A Microcontroller to Developed a Free-Fall Prototype	Nattapong Thuedam
P-S1-17	The Application of Microcontroller for Low-Cost Viscosity Laboratory	Thittima Thunyaniti
P-S1-18	Exploring the Wonders of Astronomy Through Coding with JupyterLab	Saharat Sathibjan
P-S1-19	Innovative research on smart education teaching in energy technology	Mali sarobol
P-S1-20	Development of Interactive Learning Material to Enhance Numerical Solving Problem Skill toward Concept about Mechanical Equilibrium for High School Students	Thanyaporn Chomsiang
P-S1-21	Thermolab development for Newton's cooling law experiment	Marina Mani
P-S1-22	Development of experimental set for the viscosity of fluid using a smartphone	Kanitta Supawan
P-S1-23	Investigating the linear equations of the maximum and minimum slope lines on a linear graph in high school physics experiments using numerical method	Nitat Sripongpun
P-S1-24	Comparison on the learning outcome in Grade 11 Surawiwat Students in Statics Electricity topics	Ratchanikorn Koomramyakul
P-S1-25	A newly designed class in electromagnetic induction for science high school students with competency-based learning activities using magnetic braking experimental set	Thanyanan Somnam
P-S1-26	The study into relative humidity measuring instruments and calibration at NIMT	Charuwan Promsing
P-S1-27	Flexible heatsink based on a phase-change material composite with carbon for a thermoelectric generator	Phanathagorn Egypt
P-S1-28	Estimating Uncertainty of Temperature Realization from the Chemical Impurities Analysis of the Indium Fixed-point Temperatures	Benjarong Samransuksamer
P-S1-29	Assessing the effectiveness of physics learning materials for realistic lighting and rendering concepts	Tiantada Hiranyachattada
P-S1-30	Assessing Conceptual Understanding of Learning in Energy and Momentum by Using Socratic Online Polling in Physics Classes	Kittisak Umma
P-S1-31	Design and development of a low-cost syringe pump for microfluids	Traitot Lianghiranthaworn
P-S1-32	Compact RF transmission unit for nuclear quadrupole resonance spectroscopy	Puchong Kijamnajsuk
P-S1-33	Study of Oxygen and Nitrogen Radicals Concentration in Plasma-activated Water by Photoluminescence Spectroscopy	Ruchapong Klumpara
P-S1-34	Fabrication of a fluidic chip using a laser cutting machine for spectrophotometry analysis application	Suphatsorn Khamon
P-S1-35	Development of a microliter volume manipulation technique for NPK analysis in soil using colorimetric image processing	Krudsada Luangthongkham
P-S1-36	Evaluation of the effectiveness of an electromagnetic shielding enclosure at low frequencies	Piyachat Wungmool
P-S1-37	The effect of the sound resonance experimental set on learning achievement and student satisfaction	Suwit Khongpakdee
P-S1-38	Active noise cancelling in specific areas using Fast Fourier transform analysis and sound modulation techniques.	Pinnaraya Kantakanith
P-S1-39	Certification of extension tubes for medical use according to TIS 2385-2551 and Implementation of ISO/IEC 17025	Athicha Kitiwattanakhun
P-S1-40	Helmholtz Resonator frequency with correction factor for a nonuniform cylindrical bottle shape to determine speed of sound	Pranee Disrattakit
P-S1-41	An influence of high frequency electric field on water evaporation for fruit preservation	Tiangamol Thongkong
P-S1-42	Human voice cancelling with synthesized waves	Jirayu Prompao
P-S1-43	Development and optimization of an in-house electrospinning machine for the fabrication of polyvinyl chloride (PVC) nanofibers	Suridsada Muthita
P-S1-44	3D Printing of Titanium Dioxide and Polyaniline-based Photocatalytic Composites	Natawan Saengchai
P-S1-45	Effect of the Non-Uniform Combustion Core Shape on the Biochar Production Characteristics of the Household Biomass Gasifier Stove	Somchet Chaialap

2. Astronomy, Astrophysics and Cosmology

Code	Title	Presenter
P-S2-1	Variation in Thermospheric Density during Two Consecutive Geomagnetic Storms of Different Solar Wind Conditions in November 2022	Patapong Panpiboon
P-S2-2	Space weather and the solar energetic particles violent	Thanaphon Mongwana
P-S2-3	Analysis of Moon Shadow from 2021-2022 LHAASO WCDA Data	Jetsada Maburee
P-S2-4	Analysis of Neutron Monitor Count Rates and Timing Distributions from Latitude Surveys	Panutda yakum
P-S2-5	Neutron Monitors at Different Altitude and Similar High Cutoff Rigidity	Sidarat Khamphakdee

P-S2-6	Monte Carlo Simulation and Measurement of Calibration Neutron Monitor Count Rate Dependence on Proximity to Water	Budsayarat Duangjai
P-S2-7	Pulse Selection Algorithm for NM64 Neutron Detector	Aekawit Kitiya
P-S2-8	Revisiting the Transit Timing and Atmosphere Characterization of the Neptune-mass Planet HAT-P-26 b	Supachai Awiphan
P-S2-9	HATS-2b exoplanet exploration to discover the existence of a third object	Muhammadalawee Sareh
P-S2-10	Spot variation of the eclipsing binary system V1848 Orionis.	Ronnakrit Rattanamala
P-S2-11	The New Era of Eclipsing Binary Research with Large Survey Data	Nopphadon Sarotsakulchai
P-S2-12	Galactic Recurrent Novae Light Curves in GOTO Archives	Sutharut Khamrat
P-S2-13	Preliminary Comparative Analysis on Open Clusters NGC 1912, NGC 1960, and NGC 581 using Gaia DR3 data	Princess Barreo Tucio
P-S2-14	The Evolution of the W UMa-Type Eclipsing Binaries System FZ Orionis	Nareemas Chehlaeh
P-S2-15	Light Analysis of Over-contact Binaries System FG Hya	Supattra Wongsriya
P-S2-16	Searching for New Exoplanets from the TESS Telescope Database	Kanyarat Puankad
P-S2-17	The Precious Arm of the Slayer: Photometric Light Curve Analysis of Variable Stars in NGC 869 (h Persei) Perseus Arm using TESS Data	Lhevy Geraldo
P-S2-18	The Relationship between the Shape of SPARC Rotation Curves to the Galactic Mass Model: A Chi-Square Test of Independence.	Waeowan Haethaisong
P-S2-19	Multiwavelength Investigations of Galactic Star Formation Regions	Jedsada Maklai
P-S2-20	Confronting Galactic structures using the Besancon Galactic model and large scale surveys	Ponlawat Yoifoi
P-S2-21	Cosmic inflation from the cuscuton model	Khamphee Karwan
P-S2-22	Perturbative Approach to Minimally Modified Gravity	Saikat Chakraborty
P-S2-23	Constraints on the cosmological parameters from an inflationary universe	Pongsapat Boonaom
P-S2-24	Review of the membrane paradigm and fluid gravity correspondence	Thepprasith Svetatula
P-S2-25	The Constraints from Optical Counterparts on Compact Binary Mergers Observed in Three Runs of Advanced LIGO and Advanced Virgo	Kanthanakorn Noysena
P-S2-26	The origin of the Perseus-arm gap revealed with Very Long Baseline Interferometry astrometry	Nobuyuki Sakai
P-S2-27	Exploring the Connection between Gravitational Waves and Electromagnetic Phenomena: Data Mining, Machine Learning, and Observational Techniques	Manasanun Tanasan
P-S2-28	Analysis of EXOhSPEC Science Spectra	Sukanya Meethong
P-S2-29	Growth of Linear Perturbations in DHOST Theories Satisfying Constraints on the Gravitational Wave	Sakdithai Jitpienka
P-S2-30	The Engineering Design of the Astrochemistry Experimental Chamber	watchara jaikla
P-S2-31	Mineral characterization of Chae Son hot spring deposits as an analogue for Columbia Hills, Mars	Natnicha Klayposri

3. Accelerators, Particles physics and Field theory

Code	Title	Presenter
P-S3-1	Design and development of a high-field solenoid magnet for emittance compensation	Siriwan Jummunt
P-S3-2	Development of dipole magnets for MIR/THz FEL beam dumps at PCELL	Noppadon Khangrang
P-S3-3	Synchronisation of Linear Accelerator for Fruit Irradiation with FPGA-Based System	Surapong Kokkrathoke
P-S3-4	Commissioning of Pixel Sensor Telescope for Monolithic Active Pixel Sensor Characterization	Kritsada Kittimanapun
P-S3-5	Calculation of Mass spectrum of Charmonium-like Tetraquark State	Nattapat Tagsinsit
P-S3-6	Holographic RG flows from four-dimensional $N = 2$ gauged supergravities	Natthapat Lunrasri
P-S3-7	The Smearing Function from the Functional Renormalization Group	Karankorn Kritsarunont

4. Atomic, Molecular and Nuclear physics

Code	Title	Presenter
P-S4-1	The Effect of Temperature on Absorbance of Rubidium Atoms in a Vapor Glass Cell	Apiwit Kaewko
P-S4-2	Optical Loss Caused by Rubidium Atom Vapour upon Varying Temperature	Parinya Udommai
P-S4-3	Exploring the Zeeman Effect in Spectroscopy for Laser Frequency Manipulation in Optical Systems	Nuttanan Tanasanchai
P-S4-4	Electromagnetic form factors of $\Delta - N$ transition	Moh Moh Aung
P-S4-5	Temperature Measurement During Magnetic dipole transfer in sub-Doppler regime	Prin Insang
P-S4-6	Vertical distribution of fallout Cs-137 in soil at forest plantations Ban Gangkulasamakkee, Phitsanulok Province	pornrad srisawad
P-S4-7	Assessment of Natural Radionuclides and ^{137}Cs of beach sand in Chonburi, Thailand	Saroh Niyomdecha

5. Thermodynamics, Fluids and Statistical physics

Code	Title	Presenter
P-S5-1	The effect of post-ball milling process on improving thermoelectric properties of $\text{Bi}_4\text{O}_4\text{SeCl}_2$	Nattharika Theekhasuk
P-S5-2	The study of fractal numbers on the 2D radial viscous fingering phenomenon between two miscible fluids	Sarith Chopara
P-S5-3	A Preliminary Study of Mantle Transition Zone Underneath Thailand	Sutthipong Noisagool

6. Quantum physics and Quantum information theory

Code	Title	Presenter
P-S6-1	Data-Driven Quantum Reservoir Computing for Forecasting Quantum Dynamics	Apimuk Somsaeng

7. Mathematical, Computational and Numerical physics

Code	Title	Presenter
P-S7-1	First-principles DFT and machine learning technique for the prediction of water adsorption site on PtPd-based high-entropy-alloy catalysts	Meena Rittiruam
P-S7-2	Exploring NH ₃ Adsorption on Sulfur-Functionalized Mo ₂ C MXene using First-Principles Calculations	Piyaphat Ruttanapunt
P-S7-3	Comparison of qubit mapping in molecular ground-state energy calculation	Piyaphon Jidarak
P-S7-4	Li ₂ S doping V ₂ O ₅ -Ni contents in Lithium-Borate glasses	Puttamawan Juntree
P-S7-5	Time evolution of soliton solution to the modified Cahn-Hilliard equation	Chainarong Taepanich
P-S7-6	Soliton solutions of the Zakharov equation from the symbolic calculation	Songvudhi Chimchinda
P-S7-7	The design of experiment setup for DNA irradiation system	Pittaya Apiwattanakul
P-S7-8	Radiation Shielding and Beam dump Design for Electron Linear Accelerator 220 MeV	Pawitra Aim-O
P-S7-9	On the Limits of Pendulums: An Analysis of Horizontal Deviations and Amplitudes of Pendulums in the Detection of Gravitational Waves	Adrian Richard Cruz Salazar
P-S7-10	Crustal electrical resistivity modelling derived from magnetotelluric surveys contributed to the studies of active faults and hot springs in northern Thailand	Puwis Amatyakul

8. Condensed matters and Material physics

Code	Title	Presenter
P-S8-1	Analyzing asymmetry in the Wolf-Villain model via the study of the persistence of various initial height fluctuations	Rangsima Chanphana
P-S8-2	Crystallographic orientation effect on the tunneling spectroscopy across a half metal/semiconductor with Dresselhaus spin-orbit coupling junction	Aek Jantayod
P-S8-3	Universality of flux quantum in an s-wave superconductor ring	Boonlit Krunavakarn
P-S8-4	Na ⁺ adsorption and diffusion on biaxial strained Mo ₂ C-based MXenes: An ab initio calculation	Satchakorn Khammuang
P-S8-5	MXene forms of Mn ₂ ST ₂ (T = O, F, and Cl): First-principles investigations	Anan Udomkojmongkol
P-S8-6	Quantum Transport in Tilted Dirac cone junction with Double Barriers	Nawapan Sukprasert
P-S8-7	Structural Phase Transformations and Electronic Property of Cu _{0.5} Ag _{0.5} GaTe ₂ under High-Pressure	Iyarat Ounrit
P-S8-8	The resistivity models of metal from phonon-electron interaction	Puttichai Lorchnopphakhun
P-S8-9	Structural, dielectric, and electrical studies on Sn ⁴⁺ doped CaCu ₃ Ti ₄ O ₁₂ ceramics	Sirawit Promsai
P-S8-10	CaCu _{3-x} Mg _x Ti _{4-y} Al _y O ₁₂ ceramics: Structure and dielectric property studies	Atittaya Changchuea
P-S8-11	The influence of extrinsic structural factors on the dielectric properties of CaCu ₃ Ti _{3.90} Cr _{0.10} O ₁₂ ceramics	Prachit Khongrattana
P-S8-12	The structural and electronic properties of lead-free potassium-sodium niobate (K _{1-x} Na _x NbO ₃) by apply strain and dope Sodium in specific ratios	Supphawit Limvipaveanan
P-S8-13	Boosting the Electrical Output of Cement-based Triboelectric Nanogenerator by Surface Treatment Technique	Kanisorn Kaewsritthong
P-S8-14	Effect of ball-milling rotation speed on electrical properties of BCZT ceramic	Nuttapon Pisitpipathsin
P-S8-15	Observation of Spin Seebeck effect in Si/YIG/Co _x Nb _{100-x} of ferromagnetic spin detector	Nithiporn Photimas
P-S8-16	Capacitively coupled contactless conductivity detection (C4D) of ZnO nanostructures gas sensor by adding Au:Pd metal with response to ethanol and acetone vapor	Niyom Hongsinh
P-S8-17	Analysis of particle size and zeta potential of solid surfaces Au:Pd ZnO nanostructures thick films	Niyom Hongsinh
P-S8-18	Piezoelectric Polymer Nano-Generator for Low-Power Wearable Devices	Pattapon Maaksorn
P-S8-19	Phosphoric acid treatment of animal bedding material derived from cattle leaves and rice straws for amplified ammonia absorption with bacterial mitigation by gamma radiation	Yanisa Sawangsin
P-S8-20	SSE voltage enhancement in Si/YIG/Co, Fe spin Hall thermopiles	wimutti Kumpor
P-S8-21	The cost-effective instrument for measuring thermal conductivity on thin film materials	Chaiyaphan Kongrataporn
P-S8-22	Mechanical and electronic properties of MoWC monolayer under biaxial stress	Sirinee Thasitha
P-S8-23	The Effect of Cathode Arc Current on The Properties of TiN Thin Films Prepared by Cathodic Arc Deposition	Tanatha Rattana
P-S8-24	Raman Spectroscopy and dielectric properties of La-doped SrTiO ₃	Mutita Khamkaew
P-S8-25	Effect of V ₂ O ₅ doping Li ₂ S Contents in Lithium Borate-based Glass	Phiraya Suksamran
P-S8-26	The influence of Zr content on the structural, morphological and mechanical properties of Ti-Zr alloy thin films deposited by dc magnetron co-sputtering	Attapol Choeysuppakert
P-S8-27	Thickness Dependence of Optical Properties of Sputtered AZO Film on Borosilicate Glass	Watcharee Rattanasakulthong
P-S8-28	Oxygen plasma-induced enhancement of magnetic properties in CVD carbon films	Sujinda Chaiyachad
P-S8-29	Morphology and hydrophilicity properties of PSF/SiO ₂ -NH ₂ membranes incorporated by polymeric additives	Chalad Yuenyao
P-S8-30	High surface area TiO ₂ nanoparticles synthesized by a facile method using different templates	Chalad Yuenyao
P-S8-31	Synthesis and Characterization of TiO ₂ -Graphene Heterostructured Quantum Dots by Electrochemical Process	Siripatsorn Thanasanvorakun

P-S8-32	Modified 3-stage co-evaporation process for double-grading Ga composition in high efficiency CIGS solar cells	Boonyaluk Namnuan
P-S8-33	Characterization of MoNa Bilayer Thin Films for Back Contact of CIGS Solar Cells	Chalermwat Wongwanitwattana
P-S8-34	Effects of solvent annealing in the growth of MAPbI ₃ for perovskite solar cells	Passakorn Phiromruk
P-S8-35	Deposition and Characterization of PEDOT:PSS/Au/PEDOT:PSS Multilayer Films	Suthipong Wongreerdee
P-S8-36	Preferential orientation analysis of perovskite thin films by X-ray diffraction method	Tatpong Suchatanon
P-S8-37	Chemical analysis of transition metal doped perovskite thin films by X-ray photoelectron spectroscopy	Tanaporn Nachanhom

9. Biophysics, Radiation, Plasma and Nano-physics

Code	Title	Presenter
P-S9-1	Tarnish protection of silver jewels by AlN film coatings	Kanyarat Sudsawad
P-S9-2	The effect of thickness on the anti-tarnish and mechanical properties of the Ag/Au/TiO ₂ decorative coatings	Sarochoa Khanwaeo
P-S9-3	Fabrication and characterization of PVA/PVP: Bi ₂ O ₃ composites for X-ray radiation shielding	Paitoon Boonsong
P-S9-4	Comparison Responses of the Optically Stimulated Luminescence (OSL) Using the Operational Dosimetric Quantities between ISO 4037 and ICRU Report 95	Apichart Siriwitpreecha
P-S9-5	Hydrothermal synthesis of graphene quantum dots used for fluorescent biosensors	Kriengkri Timsorn
P-S9-6	Fluorescence enhancement of Carbon dots via Localized Surface Plasmon Resonance	Supaluck Amloy
P-S9-7	Synthesis and characterization of rGO derived from cassava residue	Woranuch Sudthongkong
P-S9-8	Functionalization and Electrical Property of Nitrogen Ion Irradiated Graphene Oxide	Kittiya Kosaentor
P-S9-9	Real-Time Radiation Monitoring of High Energy Accelerator 1.2 GeV Using Experimental Physics and Industrial Control System	Pawitra Aim-O
P-S9-10	Development of radiation shielding for electron beam irradiation experimental station at the PBP-CMU Electron Linac Laboratory	Kanlayaporn Kongmali
P-S9-11	Investigation of 6-MeV electron beam irradiation on DNA using computer simulation	Surawadee Khammee
P-S9-12	Green Synthesis and Characterization of Zinc Oxide Nanoparticles Using Margosa (Azadirachta indica) Leaves	Suttirak Pairoj
P-S9-13	A facile synthesis of size-tunable silver nanotriangular plates (AgNTPs) for colorimetric visualization of glucose based on silver-gold nanoparticle system	Natthaphat Acheewakullamas
P-S9-14	DNA-stabilized silver nano-cluster for biosensing applications	Kanyalak Kosai
P-S9-15	Spectroscopic FTIR study of ribose formation in Astrochemistry	Saowalak Homnan
P-S9-16	Chemical and electrical properties of activated carbon from Samui Island young coconut waste	Jinjuta Owkusumsirisakul
P-S9-17	Anthocyanins Extraction from Butterfly Pea Flower for Nanoparticles Using "Nightingale®" Air Plasma Jet Activated Solution	Kantamard Lamasai
P-S9-18	Argon plasma jet treatment on poly(vinyl alcohol)/chitosan and polyethylene glycol 400 with Mangifera extract (ME) solution for electrospun nanofiber membrane fabrication	Pongphun Sukum
P-S9-19	Skin discoloration in the Nile Tilapia (Oreochromis niloticus) induced by plasma activated water	Sukitar Krasaesen
P-S9-20	Propagation Enhancement of Protocorms in Orchid (Vanda Coerulea Griff.ex Lindl) by Plasma Activated Media	Prangnapat Silapasert
P-S9-21	Color modification of the natural tanzanite by plasma technology	Guntiya Sirikhandh
P-S9-22	Qualification of plasma annealing system for pre- and post- ion implantation of natural blue-green sapphire	Sirorat Mukdee
P-S9-23	Natural radiation exposure from soil samples in Sangyod rice cultivated area, Phatthalung province, Thailand	Chunyapuk Kukusamude
P-S9-24	Naturally occurring radionuclides in Sangyod rice cultivated from Songkhla province, Thailand	Supalak Kongsri
P-S9-25	Low-energy ion beam induction of Thai rice mutation for brown-planthopper resistance	Udomrat Tippawan
P-S9-26	Development and Evaluation of Boron Carbide-Modified Unsaturated Polyester Resin for Use as Neutron Radiation Protection	Thanongsak Nochaiya
P-S9-27	The effect of meteorological parameters on air particulate matter	Nipon Thangprasert

10. Optics and Photonics and Instrumentations

Code	Title	Presenter
P-S10-1	Performance of BL4.1 infrared beamline at SLRI	Pornapa Artsang
P-S10-2	Home-made optical tweezers for biomedical applications	Sarayut Deachapunya
P-S10-3	Effect of diffusion time on gas identification using dual sensor arrays combined with principal component analysis	Supanut Maserng
P-S10-4	Robustness of a randomized-based reconfigurable optical circuit	Sarocho Leedumrongwatthanakun
P-S10-5	Development of the Low-Resolution Spectrograph Mark-III for Thai National Telescope	Jitsupa Paenoi
P-S10-6	Proof of existence of photon interference in the Michelson interferometer by using correlated photon pairs	Kitisak Boonkham
P-S10-7	Development of LED Strip Lighting System for Plant Tissue Culture	Peetipat Unsaeng
P-S10-8	Blue external cavity diode laser for atomic physics	Pornchanan Rattanathamkorn
P-S10-9	External Cavity Diode Laser Construction and Spectral Linewidth Measurement	Pongpol Parkprom
P-S10-10	Fabrication of Carbon Electrode Synthesized from Water Hyacinth Waste Materials for Supercapacitors Application	Tanachai Ponken
P-S10-11	Performance of Nitrate Treatment in Wastewater Using Aluminum Electrode and Pulsed Electrolysis	Prapavit Suwannimit

P-S10-12	Latent fingerprint detection using fluorescent powder dusting technique	Kachain Dangudom
P-S10-13	Smartphone-based colorimeter using for measuring the concentration and pH of chemical solution	Pakorn Preechaburana
P-S10-14	Mid-infrared supercontinuum generation in dispersion engineered As ₂ S ₅ chalcogenide ridge waveguide	Suksan Suwanarat
P-S10-15	Modification of the Pump Field for Enhanced Spontaneous Parametric Down Conversion in Quantum Key Distribution	Jeerasak Phooarphit
P-S10-16	Single Photon Interference using a Thick BBO Crystal	Thanapat Phetvongsakul
P-S10-17	Perovskite Solar Cell based reduced graphene oxide electrode extracted from Cromulent Odorata	Sudtida Kaminkruea
P-S10-18	Preparation of rGO/TiO ₂ Composite Derived from Cassava Residue for Counter Electrodes in Dye-Sensitized Solar Cells	Sudarat Premsiripat
P-S10-19	Influence of a sulfur-doped TiO ₂ /carbon from cannabis residue as a composite counter electrode for improving the photovoltaic performance of dye-sensitized solar cells	Tirapat Wechprasit