

## Poster Session I (Physical Science)

Poster No.	Research Topic
CH-01	Screen-printed Copper-organic Framework Modified Graphene as Electrochemical Sensor for Detection of Glutathione
CH-03	Synthesis Towards Three-blade Molecular Propeller
CH-05	Pillararene Supramolecular Assembly in Supramolecular Organic Frameworks (SOFs) and Mechanically Interlocked Molecules (MIMs)
CH-07	Synthesis of Benzofuro[2,3-b]quinolines via Ag(I)-Catalyzed Cascade Cyclization of N-(2-((2-Alkoxyaryl)ethynyl)aryl)formamides
CH-09	Hydrothermal Carbonization of Biowaste to Carbonaceous Solid
CH-11	Colorimetric Determination of Andrographolide in Fa-Ta-Lai-Chon Capsules by Using Smartphone Detection
CH-13	Study to Asymmetric Synthesis of Machiphipipin Dimeric Lignan
CH-15	Synthesis of Hypercrosslinked Porous Polymers via Simple Friedel-Crafts Reaction for Anionic Dye Adsorption
CH-17	Heteroditopic Macrocycles for Ion-Pair Recognition and Dual-Mode Synthesis of Mechanically Interlocked Molecules (MIMs)
CH-19	A study of cassava leaf extract as environmentally-friendly corrosion inhibitor
CH-21	Sequential Injection Analysis System with Spectrophotometric Determination of Ethylenediaminetetraacetic Acid
CH-23	Capillary Surface Coating by Using Polyelectrolyte Layers for EOF Reversal Separation with Conductivity Detection of Chemical Preservatives in Food Products
GS-01	A Study of Gamma Ray Log and Petrographic Analysis of Reservoir Sands in Nong Yao Oilfield, Fang Basin, Thailand
GS-03	Reservoir characterization using rock physics and seismic attribute for carbon capture and storage (CCS) onshore, Thailand.
GS-07	Secondar Data Study of Quaternary Bovine Stable Isotopes and Implications for Wildlife Conservation in Thailand
GS-09	A CASE STUDY AT KHOK KHAM, MUEANG SAMUT SAKHON, SAMUT SAKHON PROVINCE USING ELECTRIC LOGGING AND LITHOLOGIC LOGGING FOR THE DESIGN OF GROUNDWATER WELLS TO PREVENT

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Poster No.	Research Topic
MA-01	Mastermind with Arbitrary Numbers of Pegs and Colors
MA-03	Developing an Algorithm for Making Stock Trading Range to Recommend Investment Opportunities
MA-05	Invigilator Assignment on Several Campuses and Several Types of staff by Using GUROBI Optimization
MA-07	On the Asymptotics of Drift of Random Walks in Wreath Product Groups
MA-09	Modeling the Spread of SARS-CoV-2 Coronavirus: Waning of Immunity, Multiple Vaccination, Reinfection and Endemicity
MA-11	Bond Portfolio Immunization and Optimization
MA-13	Identify Acute Hepatopancreatic Necrosis Disease Using Neural Network
MA-15	Road traffic congestion analysis: a case study on green line Bangkok mass transit between Chatuchak to Bearing stations.
MA-17	Data-driven decision for determining client types based on delivery behavior in logistics industry.
MA-19	A Resource Optimization Model for Hospital Food Distribution
MA-21	An Analysis of the Behavior of BNK Token Holders from Transaction Data in Various Activities
MA-23	A random forest classifier model for prediction telomere length of parents
MA-25	Investigating the Causes of Road Accidents Using Machine Learning
ME-01	Neuromorphic Hardware Implementation for the Next Generation of AI Chip
ME-03	The Effect of Iron Oxide Nanoparticles on the Growth and Vitamin C Production in Sunflower Microgreens
PY-01	Low temperature X-Ray diffraction Study of Phase Changes and Lattice Parameters of BaNa <sub>2</sub> Co <sub>7</sub> Te <sub>3</sub> O <sub>18</sub>

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Poster No.	Research Topic
PY-03	Planetary Three-Body Problem and Explanation of Existence Possibility of Planet Nine
PY-05	Photon Emission From Nitrogen-Vacancy Center Used in Magnetic Noise Sensing
PY-07	Black Hole Mass Dependence of Active Galactic Nuclei on BPT Diagram
PY-09	Study evolution of E+A galaxy, by using EAGLE database