

Poster No.	Student	Research Topic
BI-01 (Plenary Talk)	Siwalee Kosonsasitorn	Study on task of executive control of elementary school students with obesity
BI-02 (Short Talk)	Anchuleerat Maleehuan	Establishment of a new deciliation protocol for the investigation of ciliogenesis in planarians
BI-03 (Short Talk)	Chartinun Chutoe	Effects of Suboptimal Nitrogen, Phosphorus and Potassium on Root Hairs Development of Rice, Maize, and Bean
BI-04 (Short Talk)	Siwanard Bootkham	Functional study of a role for CD147 in colonization of <i>Clostridium difficile</i> on human colon cells
BI-05 (Short Talk)	Singha Changsiriwatana	The effects of grass root exudate on <i>Micrococcus luteus</i> WN01 and <i>Acinetobacter lwoffii</i> A07 during PAH degradation
BI-06	Kasarnchon Mek-yong	Metagenomic Analysis of Microbial Communities in Groundwater Affected by an Old Mine in Suphanburi Province, Thailand
BI-07	Saowarod Polart	Metagenomic Analysis of Microbial Communities in Groundwater, Surface Water and Soil from a Gold Mining Area in Phichit Province, Thailand
BI-08	Petch Traiwutthipanyawong	Biodiversity of ants (Hymenoptera: Formicidae) in the understorey and tree canopy at Faculty of Science, Mahidol University, Salaya campus
BI-09	Kanokpittch Chaisirirattanakun	Communities of Arsenite-Oxidizing Bacteria in Deep Well Groundwater of Suphanburi, Thailand
BI-10	Kornkanok Wongsaroj	The effects of amino acid substitution on <i>Clostridium difficile</i> ABC transporter
BI-11	Krittaphat Suwanmanee	Isolation and characterization of bacteria with potential to improve Ni uptake in plants from E-waste site
BI-12	Kasidet Taweepon	Anti-proliferative Effect of Crotepoxide on Nasopharyngeal Carcinoma
BI-13	Khongpon Ponlachan	Community of Arsenate Reducing Bacteria in Arsenic Contaminated Soil from Danchang, Suphanburi Province, Thailand

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Bl-14	Wasawat Leartsiwawinyu	Fosmid library construction and screening for cellulose degrading genes from tropical forest soil
Bl-15	Kanphorn Saengkla	Hydrocarbon Degrading Activities of Bacteria Isolated from Mangrove Sediment
Bl-16	Nuttakritta Aekkasitchaiyaphong	Ecology, Behavior and Coexistence between Human and <i>Nephila pilipes</i> in a Human-dominated Landscape near Khao Yai National Park, Thailand
Bl-17	Natchaya Duangjarus	Effect of Culture Conditions on Growth and Biomass
Bl-18	Nichakorn Puttoom	Effect of Long-Term High Light Intensity on DGAT1 and PDAT1 Gene Expression in <i>Chlamydomonas reinhardtii</i>
Bl-19	Teejutha Kongsing	Microsatellite Diversity of the Natural Sea Cucumber Populations <i>Holothuria scabra</i> in Thailand
Bl-20	Napatsorn Homlorm	Development of GFP-fused VLPs for Correlative Light and Electron Microscopy (CLEM)
Bl-21	Natthaphon Hankwang	Effect of Thai green pit viper ( <i>Trimeresurus</i> spp.) venoms on monocytic cells
Bl-22	Natchanun Angsupornwipa	Recombinant Protein Expression and Immunoreactivity of a Major Allergen D7r2 Protein from <i>Anopheles dirus B</i> (cracens)
Bl-23	Bharerat Kumdaj	Effects of direct seeding and transplanting methods on rice root architectural, anatomical, and morphological traits.
Bl-24	Pakornkeat Muensitthiroj	Biodiversity and Comparison of Physiological Characteristics among Ecotypes of <i>Wolffia globosa</i> Found in Thailand
Bl-25	Ronnarot Taveesri	Diversity of nocturnal insects in organic rice fields in Nakhon Pathom, Thailand: a biodiversity survey using solar energy-based light trap
Bl-26	Watcharin Unwet	The development of image analysis and localization of cadmium in rice

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BI-27	Witoonbandid Chandee	Insertion of the Tetra-Cysteine Peptide into Dengue Virus for Imaging
BI-28	Anurat Likitdachavong	Caenorhabditis elegans as a model organism for Clostridium difficile infection
BI-29	Abubakas Hamid	Diversity of birds among ponds with different level of human disturbances at Mahidol University, Salaya campus
BI-30	Kamonwan Boonjit	Species Identification of Confiscated Slow Lorises using PCR-RFLP technique
BI-31	Kanruthai Khunliang	Effect of Changing of Streams (Lotic) to Reservoirs (Lentic) on Population Size, Body Size, and Fertility of Small Freshwater Shrimp (Macrobrachium lanchesteri) in a Human-dominated Landscape Near Khao Yai National Park, Thailand
BI-32	Natta Panomchoeng	yeGFP expression in a newly isolated yeast, Pichia kudriavzevii
BI-33	Dowrung Namoon	Metabolome analysis of the multiple stress-tolerant Saccharomyces cerevisiae strain with potential use in high-temperature ethanol fermentation
BI-34	Thaniya Suwanmalai	Expression of Senescence-Related Genes in Moss Physcomitrella patens under Stress Condition
BI-35	Napaphat Thitichaitanapat	Effects of tea tree oil on vegetative cell and spore of Clostridium difficile
BI-36	Narueporn Rangphasenee	Diversity of mesofauna found in different types of land uses in a human-dominated landscape near Khao Yai National Park, Thailand
BI-37	Phatsakorn Saphan	Ecology and Behaviors of a Remaining Population of Long – Tailed Macaques (Macaca fascicularis) after Human Removal in Wat Thammasala, Nakhon Pathom Province
BI-38	Ausadang Boonporn	Taxonomy and Distribution of Freshwater Leech Genus Hirudinaria in Southern Thailand
BI-39	Thapakorn Trirasspanich	The external factors affecting bacteriophage specific to Clostridium difficile

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BI-40	Phakorn Trakankul	Effects of soil bacteria on root development and contents of proteins and soluble sugars in root exudates from KDML 105 rice
BI-41	Chalermroj Sutthaphirom	Development and Characterization of the Thai wAlbB Wolbachia Trans-Infected Aedes aegypti for Future Use in Reducing Risk of Vector-Borne Diseases in Thailand
BI-42	Rungraween Aunkaew	Identification and characterization of porcine placenta extracts in neural differentiation of human pluripotent stem cells
BI-43	Pongnapa Chutuard	Development of Neocaridina shrimp as animal model for virus infection
BI-44	Ornicha Wisarutpaisan	Identification of Glyphosate Binding Site on Estrogen Receptor Alpha
BI-45	Bhumchanok Sammatat	
BT-01 (Plenary Talk)	Passanun Lomwongsopon	Development of High-solids Anaerobic Digestion System for Methane Production from Organic Waste
BT-02 (Short Talk)	Nutthaya Bunmak	Co-culture of Immortalized Hepatocyte-like Cells (imHCs) and Human Fibroblasts to Improve Proliferation and Hepatic Functions.
BT-03 (Short Talk)	Lalita Jantean	Genome-Wide Identification and Analysis of Annexins in Cassava
BT-04 (Short Talk)	Teetouch Kajornchaitut	Mutation on a Gene Encoding PqsA Restyles the Susceptibility Profile against Antimicrobial Agents in Pseudomonas aeruginosa
BT-05 (Short Talk)	Thanyanet Amborisut	Enhancement of Hepatic Features by Co-culturing Immortalized Hepatocyte-like Cells with Immortalized Mesenchymal Stem Cells
BT-06	Bewarin Taengthet	Host Response Mechanism against Pseudomonas aeruginosa Infection through Macrophage Infection Model
BT-07	Theerawat Pinijwattananon	Physiological Function and Gene Expression Analysis of a Novel Biocide Responsive Gene in Pseudomonas aeruginosa
BT-08	Waralee Srinarawat	Screening of Environmental Sensitive Fluorescent Dye for Staining of Calcium Pyrophosphate and Monosodium Urate

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BT-09	Maleerat Khamsakul Piyatida Vattanasiri	Detection of Soluble Pyrophosphate in Synovial Fluid
BT-10	Pattaramon Kraisomdet	Development of Encapsulation Technology for Porcine Placenta Extracts
BT-11	Natsorn Watcharadulyarat	Encapsulation of Hydrophilic and Hydrophobic Compounds in Dextran-Based Nanoparticles
BT-12	Pannita Yenprasert Thanyachon Tangkatitham	Screening and Characterization of Polyhydroxyalkanoates (PHAs)-Producing Bacteria from Animal Fat Waste
BT-13	Pichayamon Maharatanawong	Development and Evaluation of Collagen Wound Dressing from Fish Skin for Dental Surgery
BT-14	Kultheera Thanapirunthorn	Protein Concentrate from Shrimp Cooking Juice Enhance Physical Properties of Frozen Shrimp
BT-15	Panyada Thowcharoen	Screening, Identification, and Characterization of Probiotic Yeasts from Chicken Gut
BT-16	Purichaya Vetcho	Development of Cell Production of Lactic Acid Bacteria Starter Culture ( <i>Tetragenococcus halophilus</i> ) for Moromi Fermentation in Thai Soy Sauce Production
BT-17	Borwornwat Klaymala	Effect of Temperature on Foundation of Bitter Compounds in Lettuce
BT-18	Titapohn Treeworawet	Lipid Oxidation in Mayonnaise Model System Fortified with Heme Iron
BT-19	Yosawat Rungsuwaree	The Stability of Iodine in Edible Iodized Salt Repacked by Small Scale Producers
BT-20	Thanita Sobha Patnaree Ratanamongkonkul	Production of Antioxidant Hydrolysate from Mung Bean Protein by Solid State Fermentation with <i>Aspergillus oryzae</i> .
BT-21	Rampai Sittikong	Influence of Fermentation on Bioactivities of the Extracts of Corn Silk.
BT-22	Benya Chanapanao Orapan Jitsaiyen	Improvement of Antioxidant Stability of Corn Silk Extract by Encapsulation
BT-23	Suprawee Sitthichokkitsakul	Utilization of Light and Amino Acids to Improve Quality of Watercress ( <i>Nasturtium officinale</i> ) Grown in Hydroponics System

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BT-24	Jarupa Charoenrit	Expression of Flag-tagged Short Peptide in <i>Nicotiana benthamiana</i>
BT-25	Budsakorn Dechapitak	Differential Expression Analysis of Antimicrobial Peptide Genes in Cassava
BT-26	Sornpornpun Pairoh	Identification of Fruit Fly Species Using DNA Marker
BT-27	Thikamporn Kongka	Assessing Quality of Fruit Fly Rearing at a Mass-Rearing Scale
BT-28	Thanchanok Preechakun	Exploring Polar Tube Protein 2 (PTP2) Localization in the Microsporidian <i>Enterocytozoon Hepatopenaei</i>
BT-29	Prapatsorn Wongkhaluang	Time Course Expression of Superoxide Dismutase1 (SOD1) during White Spot Syndrome Virus (WSSV) Outbreak in Shrimp
BT-30	Parinthon Nearnmla	Design and Construction of a Plasmid with a Riboregulator System for Highly Tunable Gene Expression
BT-31	Chanaphat Sippaaksorn	Production, Purification, and Characterization of Recombinant Proteins with Disulfide Bonds in <i>E. coli</i>
BT-32	Supavadee Jantasuwan Natnicha Rangsiyanon	Expression of L1 HPV gene in <i>Hansenula polymorpha</i>
BT-33	Suthasinee Kanitchinda	Application of Recombinant Water Bear Protein in Safeguarding Shrimp Feed Additive upon Desiccation
BT-34	Kulchamai Punsangiam Thanatda Promhon	Investigation on Media Formulations on the Production of GABA in Recombinant <i>E. coli</i>
BT-35	Phatcharaporn Jitmunkongtham	Development of a Low-Cost Cultivation Medium for <i>Enterobacter tabaci</i> RS83, a Potent Plant Growth Promoting Rhizobacteria (PGPR)
BT-36	Chananya Tansathaporn	Comparison of Cordycepin and Adenosine Extraction Methods from <i>Cordyceps sinensis</i> and <i>Cordyceps militaris</i>
BT-37	Krittawit Sopawanit	Improvement of Biogas Technology for High Organic Loadings through Biochar Application

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BT-38	Apisit Naramittanakul	Effect of Nutrient Stress Conditions on Enhancing Lipid Accumulation in <i>Saccharomyces cerevisiae</i> .
BT-39	Nannapus Tanteerasin	A Study on Biofilm Formation and Xylene Biodegradation Pathway of <i>Pseudomonas balearica</i> Strain PB, <i>Pseudomonas citronellolis</i> Strain PC-1, and <i>Pseudomonas delhiensis</i> Strain PD.
BT-40	Yanisa Panthongkham	Effect of Nutrients on Biofilm Formation and Toluene Biodegradation of <i>Microbacterium esteraromaticum</i> Strain SBS1-7
BT-41	Ruthaikamol Thongon	Development of Biofilm Reactor for Wastewater Treatment in Aquaculture
CH-01 (Plenary Talk)	Natthamon Inthalaeng	Tandem Cyclization toward the Synthesis of Benzothieno[2,3-b]quinolines
CH-02 (Short Talk)	Krittamate Buppasirakul	Thermochemistry and Kinetic Analysis of Peroxybenzoyl Nitrate (PBN)
CH-03 (Short Talk)	Nakarin Noirahaeng	Pros and Cons of the Schlieren Effect in Flow-based Analysis and Its Applications for Quality Control in Food and Pharmaceutical Formulations
CH-04 (Short Talk)	Satawat Tongdee	Structural Modification of Wallichinane B Isolated from <i>Garcinia wallichii</i> Choisy and Biological Studies
CH-05 (Short Talk)	Karanlak Rattanawarophat	Improving Interfacial Adhesion of Pineapple Leaf Fiber Reinforced Rubber Composites by Using Degraded Natural Rubber
CH-06	Chaiwat rujirasereesakul	Mechanistic study and development of sensor for detection of chiral nucleophile via conjugate addition
CH-07	Tanakrit Prachantsena	Measurement of benzoate preservative in Thai curry products by using capillary electrophoresis with contactless conductivity detection with dilute and shoot procedure
CH-08	Saitarn Nithimanon	Synthesis Towards Triazatruxene-quinone
CH-09	Apicha Pontavatchai	Catalytic activity of Amberlyst 15 in the esterification reaction
CH-10	Chonnipha Tangwongputti	Starch modification for adhesive applications

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CH-11	Kittikun posirisuk	Capacitive Enhancement of Supercapacitor Based on a Composite of Polyaniline and Carbon Nanosheet Derived from Pineapple Leaf Fiber
CH-12	Kittipod Songchon	Anticaking agent for NPK fertilizers: effect of polymer to surfactant ratios
CH-13	Kusumal Hirunwong	Synthetic sulfones as antibacterial therapeutics
CH-14	Chatamon Sertdilok	Development of Sorbent Materials for Determination and Removal of Nickel from Water after Biofuel Production Process
CH-15	Thitirat Piyawongsiri Chanapat Ammarinponchai	Durable Superhydrophobic Silica Aerogel Coating from Hydrophobic Gel Synthesis
CH-16	Nattawut Nintao	Corrosion protection of AA2024 aluminium alloy using hybrid sol-gel coating
CH-17	Tiphanan Janjai	Study of preparation of low molecular weight epoxidized natural rubber applied in epoxy waterborne coating
CH-18	Thanaphon Janyodha	Application of MCM-41, Al-MCM-41 and Ca-MCM-41 in metal sorption
CH-19	Thanakorn Tiyawarakul	Sulfonated Microporous Organic Polymers (MOP-SO <sub>3</sub> H): Synthesis and Application in Conjugate Addition of o-Naphthoquinone
CH-20	Nanthatchaporn Jantawong	Development of electrochemical sensor from gold leaf and preliminary investigation on its application on estimating the firing distance
CH-21	Pitipong Kongsut	Effect of hydroxylamine on physical properties of natural rubber during accelerated storage
CH-22	Phanida Saiyud	Density functional study for the Mechanism of H <sub>2</sub> Activation and Hydrogenation of Styrene by Ni complex with P/B ligand
CH-23	Patcharaporn Wiboonwimonrat	Photopolymer Derived from Natural Rubber: Preparation, Characterization and its Properties
CH-24	Matchima Faksiri	The Dark side of cosmetics Analysis of chemical contaminants in whitening products

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CH-25	Wanida Suwanroek	Use of Flow Field-Flow Fractionation for Investigation of Macromolecules in Egg Yolk and Egg Albumen after Salting Process
CH-26	Warissara Suttibut	Studies on basic properties of rubber products from clone RRIT 251 compared to a conventional clone RRIM 600
CH-27	Satayu Borsap	Development of a Catalytic Asymmetric Diels-Alder Reaction of $\alpha$ -Methoxymethacrylates
CH-28	Sasina Makmai	Sequential injection analysis system with fluorometric detection for determination of histamine in food sample
CH-29	Sujaree Surakhai	Studies on preparation of LDPE composite films incorporating with Macca carbon as a far-infrared emittable material.
CH-30	Suratwadee Sriwarom	Comparison of Film Properties between Zinc Peroxide and Sulphur Vulcanization Systems in the XNBR latex prepared by Dipping Process
CH-31	Kridsana Janmeng	Development of small molecules for effective treatment of cholera
CH-32	Chutikarn Keereerath	Study of hydrogenation of natural rubber using hydrazine and different oxidizing agents.
CH-33	Thita Ninlapath	Quantification of sulfite by using in-house screen-printed electrodes produced from paper substrate
CH-34	Nattinee Saechua	Development of a Flow System for Simultaneous Determination of Sugar and Phosphate in Cane Juice Applicable to Sugar Industry
CH-35	Treebhop Chotsopon	The preparation of silver nanoparticles immobilized on chitosan coated cellulose
CH-36	Thanthong Sriprasert	Stability of TiO <sub>2</sub> @Ag nanocomposites for antibacterial application.
CH-37	Panon Tungkunaruk	Citrate Reduced Silver Nanoparticles as Chromium(III) Sensor and as Core Particle for Synthesis of Gold Encapsulated Silver Nanoparticles

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CH-38	Pantira Tesdee	Shape- and Size-Controlled Synthesis of Gold Nanoparticles through Solution Plasma Process by Controlling Temperature
CH-39	Wanlaor Tangsukh	The Influence of Sugar Composition on the Properties of AuNP Colloids Synthesized through Solution Plasma Process in Alginate–Sugar Solutions
CH-40	Suphawit Phonpho	Detection of Gram-positive bacteria by small peptide probe
CH-41	Satit Thaiwattananon	Influence of Polar Liquid Rubber and Carbon Black on Mechanical Properties of Uniaxial Pineapple Leaf Fiber Reinforced Natural Rubber Composite
CH-42	Supawadee Chakronbundit	Study of metals complex with diethyldithiocarbamate ligand and their feasibility study on separation using liquid chromatography
CH-43	Apinya Kokmat	Effect of Cetyltrimethyl ammonium bromide (CTAB) on preparation and properties of waterborne polyurethane/MMT-silver nanocomposite for multifunctional coating application
CH-44	Asadawut Soyphet	MnO <sub>2</sub> -Alginate Colloids Synthesized by Solution Plasma
CH-45	Arkorn Chotiyasilp	Visible light-induced surfactant-free emulsion polymerization for the synthesis of amine-functionalized colloidal nanoparticles
AG-01	Krittiphon Chathama	The high-efficiency development of dye Dendrobium ‘Sonia’ for export
AG-02 (Short Talk)	Parini Ruangsri	Efficiency of Chinese Black Olive and Eukien tea extract to control Colletotrichum gloeosporioides a causal agent of chili anthracnose.
AG-03	Teeranuch Joilek	Effects of Color Light-Emitting Diodes (LEDs) on the growth, and anthocyanin content of hydroponically grown lettuce in a plant factory with artificial light.

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AG-04	Niracha pansuay	Stability study of OP line in mulberry based on growth, Antioxidant and chemical compounds at Kanchanaburi province, Thailand
AG-05	Butsayamas Photan	Study of leafhoppers in sugarcane fields and detection of sugarcane white leaf phytoplasma in leafhopper vectors by molecular techniques
AG-06	Supitchaya Waewchan	Efficiency testing of bioherbicides for controlling weeds in sugarcane
AG-07	Nuttaporn Kulboonruangrat	Study of genetic relationships of <i>Nymphaea</i> spp. hybrids base on SSR marker
AG-08	Waritsara Aukkarasimachai	Satisfaction and problems of farmers in the organic farming system in Kanchanaburi
AG-09	Wimonwan Deeying	A study on the production of aqueous extracts of Oyster mushroom-Bhutan cultivated from agarwood sawdust
AG-10	Oranich Amhae	Effect of light to nutritional value and chemical composition of <i>Ocimum tenuiflorum</i> L.
FT-01	Arpatsaranan Tayayut Budsarakam Luengwatthanawilai	Antioxidant and antibacterial activity of cricket protein hydrolysates produced by protease enzymes
FT-02 (Short talk)	Pirakorn Nudol Adisorn Ampun	Optimization of oxalate oxidase treatment for production of oxalate depleted taro starch
FT-03	Thanupong Nateelerdpaisan Chayapon Gross	Physicochemical properties and starch digestibility of flours and starches from four taro cultivars in Thailand
FT-04	Kanyanut Piriyaatits Maneenuch Premchookiat	Development of rice straw paper coated with pomelo and longan peel extracts for antibacterial activity
FT-05	Kamonphan Kantaprom Salintip Tesselud	Effects of rice bran oil and rice bran flour on the quality of healthy croissant products
FT-06	Puttamanee Soomprasert Sora-art Mahuttanapradit	Effect of extracted pectin from okra on the physicochemical properties and using in white egg pudding product
FT-07	Saranrat Boonpasert Sirinach Khankhaw	Process Development of Dried Banana Syrup Using Enzyme and Rotary Vacuum Evaporator

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FT-08	Sawanee Janprang Itsaree Luenprapai	Study of optimum condition for increasing bacterial cellulose production from pineapple juice with <i>Acetobacter xylinum</i>
FT-09	Rinraphat Aphikulvarawan Yodkwan Pumsawai	Effects of storage condition on resistant starch content and quality of Tong Yo product
FT-10	Phatcha Chotpuang Supakarn Suksuket	Effects of glucose, lactose, and sucrose on lactic acid production by <i>Lactobacillus bulgaricus</i> and <i>Streptococcus thermophilus</i> in yogurt cream
GS-01 (Short Talk)	Chayanin Prapruet	Spatial Distribution of Earthquakes and Focal Mechanism Solutions of the Andaman Sea: Implication for Neo-tectonic Setting of Western Southeast Asia.
GS-02	Poramin Rattanakit	The study on groundwater flow direction and groundwater quality analysis by hydrochemical facies in Bo Phloi, Nong Prue and Lao Khwan Districts, Kanchanaburi Province.
GS-03	Sittiporn Kongsuchko	Increasing grades of metamorphism due to the intrusion of S-type granite in Khao Chum Thahan and adjacent areas, Huai Khot district, Uthai Thani province.
GS-04	Chayaporn Makchuay	Rock Mass Classification for Slope Stability Analysis of Limestone and Dolomite Mine, Mueang District, Kanchanaburi Province
GS-05	Onpreeya Chaichomphu	Water Supply Tunnel Stability Analysis by using Kinematic Analysis and Finite Element Analysis Method <input type="checkbox"/>
GS-06	Panus Hong	A study on petrography, petrology and tectonic setting of the Upper Paleozoic volcanoclastic sandstone in Ban Rai district, Uthai-thani province.
GS-07	Lakkana Suwannarat	Structure geology of Pottery Stone Mine, Klondo Sub district, Dan Makham Tia District, Kanchanaburi Province by using Stereographic projection method

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GS-08	Thanat Aunpongpowanart	Underground Geologic Mapping along Mae-Ngad Mae-Taeng Water Supply Tunnel Excavation Project by using Tunnel Face Mapping Data
GS-09	Panida Rodpueng	A Study on Correlation of Environmental Origin Effect on Garnet Classification in Tha Mai District, Chanthaburi Province and Bo Rai District, Trat Province.
GS-10	Vachiravit Rakpong	Study on geothermal reservoir potential by using geochemical techniques in the area of Tambon Hin Dat and Tambon Lin Thin, Thong Pha Phum district, Kanchanaburi province
MA-01 (Plenary Talk)	Pattanan Boonyoukong	Integer Programming Models for a Shuttle Bus Scheduling Problem: a Case Study on Mahidol
MA-02 (Short Talk)	Nattanon Attakitmongkol	Scalar Wave Scattering in Two Layers Inhomogeneous Sphere: 3 Iterations of Analytic Solutions
MA-03	Kanrawee Wisetwongsa	ON FITTING GENERALIZED LINEAR MODELS OF THAI AND JAPANESE MORTALITY
MA-04	Kriangkrai Wutthisaringkarn	Statistical Analysis for Number of Goals of Football Team in Thai League
MA-05	Charinporn Uthondan	Statistical Model of PM2.5 levels in Bangkok
MA-06		
MA-07	Natthamon Sukphadung	Regression Models for short-long term Aging Population Data.
MA-08	Photcharaphong Rodmanee	Exercise Allocation for Elderlies by Calorie Optimization using Linear Programming Model
MA-09	Pornnapa Konchaiyapoom	Statistical Analysis for Death in Seven Dangerous Days during New Year Festival
MA-10	Pornsakul Boonsonti	Predicting the amount of municipal solid waste collected in Chatuchak district
MA-11	Marut Kunlawong	The Study of Knowledge and Attitudes of the First-Time Voters Towards the Elections Member of the House of Representatives on 24 March 2019

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MA-12	Supinya Nopchumnan	A Laplace transform technique for a two-phase two-layer model for transdermal drug delivery
MA-13	Onkanya Limphattharachai	A MIP model for a simple timetabling problem
MA-14	Kanokwan Srisongkran	Blood Demand Prediction of Hospital in Bangkok Metropolitan
MA-15		
MA-16	Nutchazazum	Handling imbalanced data for breast cancer
MA-17	Yolchaya Jungprasert	Factors affecting on the consumer's buying behavior of skincare in Bangkok
MA-18	Sarutaya Charoenraj	Multiple Linear Regression Model for Price of Jasmine Rice
MA-19	Nuttapon Peungthong	The Segmentation of Thai words that are not in the dictionary
MA-20	Chanyanut Siriphetsombut	Forecasting automobile vehicle insurance pure premium using times series model
MA-21	Pancharat Samati	Class Attendance System Using Image Processing
MA-22	Kanrop Hookeaw	Finding Orthonormal vectors with all entries are rational in 3, 4-Dimensional space.
MA-23	Nutnicha Yasinthorn	Scheduling examinations for 3rd and 4th year students in Department of Mathematics, Mahidol University by using Linear Programming
MA-25 (Short Talk)	Punyaphorn Ngowsawat	The Role of Trade Facilitation on Agricultural Export Products in Thailand
ME-01 (Plenary Talk)	Zoubeir Saraw	Revitalization of PbI <sub>2</sub> Waste Perovskite Film for Recyclable Perovskites
ME-02	Pornsruang Wiwattanakul	Effect of Layered Double Hydroxides (LDHs) in PMMA composites
ME-03 (Short Talk)	Thitiporn Suttipintu	(3-Aminopropyl)trimethoxysilane (APTMS) functionalization on Layer Double Hydroxides (LDHs) surface.
ME-04	Koth Amratisha	Effects of Substrate Temperature During Spray Processing on Coloured Perovskite Properties
ME-05	Kobkarn Udompolkadee	STUDY OF SILICA NANOPARTICLES (SNPS) IMPREGNATED TEAK WOOD
ME-06	Natchanon Sanongklai	Filament composites with high silica loading for fused deposition modeling 3D-printing

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ME-07	Podchara Chansaichonnatee	STUDY THE RELEASING BEHAVIOUR OF INTERCALATED DRUG FROM LAYERED DOUBLE HYDROXISES (LDHs) IN SIMULATED PIG DIGESTIVE SYSTEM
ME-08	Pirun Yingyongsaksri	UV-curable acrylic monomer resin for Photolithography on glass
MSP-01	Tirapoot Jatupornpoonsub	Modified Vibration Analgesia Device for Pain Reduction during Root Planing
MSP-02 (Short Talk)	Gunn Pornratananont	Generation integration-free induced pluripotent stem cells from peripheral blood mononuclear cells of a patient with 4bp/E beta-thalassemia mutation
MSP-03	Chisanu Thumarat	Evaluation of novel disease-predicting algorithm for early-onset systemic lupus erythematosus
PL-01 (Plenary Talk)	Awapa Jirabunjongkij	The pollination and histochemistry of <i>Argyreia siamensis</i> (Convolvulaceae), a rare species endemic to Thailand
PL-02 (Short Talk)	Tatchai Chongmontri	Toxicity and Genotoxicity Evaluation of Nicosulfuron using the <i>Allium</i> Bioassay
PL-03	Nattawan Thippawan	In vitro propagation of <i>Begonia vagans</i> Craib, an endemic plant of Thailand
PL-04	Poompat Srisombat	A reassessment of <i>Argyreia collinsiae</i> (Convolvulaceae) and other related similar species based on morphological evidence
PL-05	Warachaya Petchnil	Cryopreservation of <i>Grammatophyllum speciosum</i> Blume protocorms using D cryo-plate
PL-06	Supasan Loketsatian	Effects of cytokinin on natural senescence and physiological characters in Khao Dok Mali 105 (KDML 105) rice
PL-07	Supitcha Kamonpakorn	Molecular characterization of allene oxide synthase gene in rubber tree ( <i>Hevea brasiliensis</i> )

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PL-08	Jirawat Numpaitoon	Effects of Salt and Drought Stresses on Gene Expression of Beta-Expansin, the Major Allergen in Rice Pollen
PL-09	Noppawan Soontornkrut	Effect of low soil moisture level on photosynthesis capacity in young longan 'Phuang Thong' under greenhouse condition
PL-10	Naiyapuk Thiammeka	The concentration and diversity of airborne pollen and fungal spores in outdoor and indoor areas at primary schools in Bangkok
PL-11	Nareenart Traisuwan	Effect of Hot Wind on Annual Growth in Longan ( <i>Dimocarpus longan</i> Lour.)
PL-12	Pattaya Kaewtatip	Cryopreservation of orchid protocorms ( <i>Grammatophyllum speciosum</i> Blume) using V cryo-plate
PL-13	Maytida Lekbamroong	Effect of N <sup>6</sup> -Benzyladenine on in vitro propagation of <i>Hedychium ellipticum</i> Buch.-Ham. Ex Sm., a rare plant of Thailand
CB-01 (Plenary Talk)	Yada Katanyuphan	Ranging Pattern and Activity Budget in Long-tailed Macaques ( <i>Macaca fascicularis</i> ) in Response to Group Size Change
CB-02	Kansinee Khlaisin	Fishes and Figs: Effect of fig seed passage through fish gut on germination
CB-03 (Short talk)	Papichaya Lhosupasirirat	Aboveground Biomass and Carbon Sequestration of Trees in Homegarden Agroforestry Systems at Bang Kachao Subdistrict, Pha Pradaeng District, Samut Prakan Province
CB-04	Khaniittha Sukkhat	Monitoring mammalian trade through the internet: species & conservation status
CB-05	Janejira Maya	Skull and hair characteristics of civets and palm civets ( <i>Viverridae</i> ) in Thailand

Poster No.	Student	Research Topic
CB-06	Duriyang Narapakdeesakul	A histopathological study on freshwater snails to assess the contamination of pollutants and trematode infection from water bodies in Huai Kayeng Subdistrict, Thong Pha Phum District, Kanchanaburi Province
CB-07	Pornratthana Raksakul	Facial expressions and dominance hierarchy in long-tailed macaques ( <i>Macaca fascicularis</i> )
CB-08	Ploypanm Chinaworn	Prevalence of blood parasites in Rock Pigeon ( <i>Columba livia</i> ) from Bueng Boraphet base on morphological characteristics.
CB-09	Sirikan Srasuai	Diversity and Distribution of Marine Gastropods, Bivalves and Lingulid at Don Hoi Lot, Samut Songkhram Province
CB-10	Anchisa Samsen	The effect of chemicals and natural extracts to the beneficial bacteria in soil
PY-01 (Plenary Talk)	Warin Patrick McBlain	Study of Klein - Gordon Field in Curved Spacetime and Applications to Schwarzschild Black Holes
PY-02	Surawut Pawutinan	Effect of Gilbert damping term on one-dimensional Heisenberg model
PY-03 (Short Talk)	Nattawach Sataudom	Algorithm Implement for Seismic Hazard Analysis and Simulation in the Region of Thailand
PY-04	Nattaphong Nuchsirikulaphong	Analysis of Air Temperature in a Single-Opening Room
PY-05	Runch Puntawong	A Demonstration Set to Teach Light Refraction