

Tuesday, August 2nd

Room: FMS 309

Oral Sessions I : Applied Sciences

Moderator: Dr. Kanokwan Kunyamee

Chairperson: **Assist. Prof. Dr. Kotchakorn Jetinai & Assist. Prof. Dr. Sukum Eitssayeam**

Co-chairperson: Dr. Karanya Sitdhisanguan

Time	Article Code	Presenter	Title
10.15-10.30	OA50-0021	Assoc. Prof. Dr. Ren-Jean Liou	Ultrasonic Signal Reconstruction Using Compressed Sensing
10.30-10.45	OA28-0009	Prof. Dr. Lung-Jen Wang	Cross-Layer Optimization for Efficient Delivery of Scalable Video over WiMAX
10.45-11.00	OA22-0008	Mr. Kritwara Rattanaopas	A Comparison of ORC-compress Performance with Big Data Workload on Virtualization
11.00-11.15	OA48-0019	Dr. Sukrit Kirtsaeng	Investigation of Z-R Relationships for Monsoon Seasons over Southern Thailand
11.15-11.30	OA55-0023	Dr. Chatchai Sirisamphanwong	Techno-Economic Performance Evaluation for a PV-Diesel Hybrid System
11.30-11.45	OA56-0024	Dr. Yodthong Mensin	Analysis of Exergy and Efficiency for Stratified Thermal Storage Tank with Solar Evacuated Tube Collector
11.45-12.00	OP43-0015	Mrs. Nonglux Sriboonrueang	Excited-State Energy Eigenvalue Evaluation of the Quantum Mechanical Potential $V(x)=1/2 mw^{\wedge}\{2\}x^{\wedge}\{2\}+\mu x^{\wedge}\{3\}$ via Numerical Shooting Method

Tuesday, August 2nd

Room: FMS 309

Moderator: Assist. Prof. Dr. Krisana Sikkhamarn & Dr. Natkitta Boonprakob

Chairperson: **Prof. Dr. Minoru Isobe**

Co-chairperson: Dr. Anusorn Vorasingha

Time	Article Code	Presenter	Title
13.00-13.15	OA20-0007	Assist. Prof. Dr. Piyarut Moonsri	Production of Activated Carbon from Moldy Damage Tamarind Pod
13.15-13.30	OP47-0018	Mr. Artit Hutem	An Analytical Description of Projectile Motion of Cricket Ball in a Linear Resisting Medium External Force
13.30-13.45	OP40-0014	Mr. Sanit Suwanwong	UV Irradiation Effect on the Surface KTaO_3 Crystals
13.45-14.00	OP27-0009	Miss Chayada Klinchan	Synthesis and Study of Naphthoquinones Derivatives
14.00-14.15	OP32-0011	Dr. Wikorn Punyain	A DFT Investigation of the molecular structure and UV Absorption Spectrum
14.15-14.30	OA29-0010	Dr. Natkitta Boonprakob	Synthesis and Characterization of Highly Visible Light BiOI/ZnO Nanocomposite

Tuesday, August 2nd

Room: FMS310

Oral Sessions II : Pure Sciences

Moderator: Dr. Suttida Wittanalai & Dr. Kitti Mueangtoom

Chairperson: **Assoc. Prof. Dr. Wilart Pompimon**

Co-chairperson: Asst. Prof. Dr. Pongrawee Nimnoi

Time	Article Code	Presenter	Title
10.15-10.30	OP24-0006	Assist. Prof. Dr. Krit Pinthong	Chromosomal Variation of Mammals in Thailand
10.30-10.45	OP35-0012	Dr. Pattana Somniam	The Diversity of Terrestrial Earthworms in Phu Soi Dao National Park and Adjacent Areas, Thailand
10.45-11.00	OA79-0040	Dr. Ida Bagus Wayan Gunam	Biodesulfurization of Dibenzothiophene by a Newly Isolated Agrobacterium tumefaciens LSU20
11.00-11.15	OA74-0039	Assist. Prof. Dr. Prapita Thanarak	Social Impact Assessment of the Biogas Production through Biomass for Bansuanmiang School Under the Smart School Project
11.15-11.30	OA11-0004	Miss Wipawan Wongsudaluk	Development of Fermented Vinegar from Orange Peels (Citrus reticulata Blanco.)
11.30-11.45	OH7-0002	Assoc. Prof. Dr. Phongchai Klinhom	Effect of Different Cooking Method on Cooking Loss and Lipid Oxidation in Buffalo Meat

Tuesday, August 2nd

Room: FMS310

Oral Sessions II : Pure Sciences

Moderator: Dr. Warangkanang Sutin, Dr. Thanakorn Thanawat

Chairperson: **Assist. Prof. Dr. Supaporn Sudnongbua**

Co-chairperson: Dr. Wanawadee Niumskul

Time	Article Code	Presenter	Title
13.00-13.15	OH81-0015	Mrs. Neribel Jan Padawag Champlin	Effectiveness of Bibliotherapy among older adults
13.15-13.30	OH82-0016	Mrs. Cherylina Geston Dalilis	Lived Experiences of Older Adults with Arthritis on Health Decision Making
13.30-13.45	OH85-0019	Mr. Tofan Arief Wibowo	Effect of Range of Motion Exercise to Decrease Pain Levels in Patients with Rheumathoid Arthritis in Social House Tresna Werdha Gau Mabaji Gowa Shouth Sulawesi
13.45-14.00	OH78-0013	Mrs. Argustina R. Palamba	Clients Experience the Undergoing Pulmonary TB Treatment in Wara Public Health Center Palopo City
14.00-14.15	OH83-0017	Prof. Dr. Norenia Tocli-e Dao-ayen	Involvement of Family Caregivers in the Home Based Rehabilitation of Post-Stroke Patients
14.15-14.30			