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UTM
UNIVERSITI TEKNOLOGI MALAYSIA

The 5th International Conference on Low Carbon Asia & Beyond - ICLCA 2019

jointly held with

The 12th Regional Conference on Chemical Engineering – RCChE 2019, and

The 4th International Conference on Chemical Engineering, Food and Biotechnology – ICCFB 2019

15-17 October 2019, Ho Chi Minh City, Vietnam

Transformation towards Smart, Resilient & Sustainable Communities

PROGRAMME

Sponsors



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NETME Centre



PROGRAMME

REGISTRATION

A registration desk is available at Vissai Saigon Hotel from 14:00, October 14 2019

14th October 2019, Monday: Workshop on "How to write and publish a high impact scientific paper"

with Speakers from Journal of Cleaner Production (JCLEPRO, IF 6.395, Q1)

Venue: B4 Hall, HCMUT campus, 268 Ly Thuong Kiet St., Dis 10, Ho Chi Minh City

13:30 How to prepare a good manuscript for high impact factor international: Successful cases in JCLEPRO? Prof. Dr. Jiří Jaromír Klemeš, Co-Editor-in-Chief, JCLEPRO (Brno University of Technology, Czech Republic)

14:00 How to prepare a good Review Article for JCLEPRO? Prof. Dr. Lee Chew Tin, Associate Editor, JCLEPRO (UTM, Malaysia)

14:30 How to propose, prepare and handle Special Issue/Volume/Section of JCLEPRO? Prof. Dr. Sandro Nižetić, Associate Editor, JCLEPRO (University of Split, Croatia)

15:00 Tea Break

15:30 Networking session with Editors and Junior Board Members, JCLEPRO

Junior Board Members & Managing Guest Editors: Cassandra Bong Phun Chien (UTM, Malaysia), Hesam Kamyab (UTM, Malaysia), Jeng Shiun Lim (UTM, Malaysia), Timothy Walmsley (Brno University of Technology, Czech Republic), Yee Van Fan (Brno University of Technology, Czech Republic)

16:30 End of session

***FEE: FREE OF CHARGE**

Attendants go to the venue by yourself. Register via <http://www.iclca-iccfb2019.vn/pre-workshop>

DAY 1 (October 15, 2019, Tuesday)

8:00-11:30 am	Mayors Forum: Green and Smart Society Venue: A5 Hall (HCMUT campus) <i>Shuttle bus between Vissai Saigon Hotel and HCMUT campus is provided (Departure time: 7:15 am)</i>				
12:30-1:30 pm	Lunch/ Networking (Venue: Vissai Saigon Hotel) Venue: Vissai Saigon Hotel (Room: Grand ball)				
1:30-1:50 pm	Opening Remark by ICLCA'19 Chairs Prof. Dr. Phan Thanh Son Nam (HCMUT); Prof. Dr. Ho Chin Siong (UTM)				
1:50-2:15 pm	Plenary 1: Prof. Dr. Jiří Jaromír Klemeš, Brno University of Technology, Czech Republic (Chaired by Prof. Dr. Haslenda Hashim) <i>A Multidisciplinary Scenario: Development of Circular Economy and Smart Cities</i>				
2:15-2:40 pm	Plenary 2: Assoc. Prof. Dr. Hai M. Duong, National University of Singapore (NUS), Singapore (Chaired by Prof. Dr. Phan Thanh Son Nam) <i>Recycling Various Wastes from Laboratory Scale to Industrial Mass Production</i>				
2:40-3:10 pm	Group Photo Session/Tea Break Parallel Session				
	Smart & Green Materials Room: Sai Gon Chairs: Zurina Mohammed, Vergel Bungay	Biomass & Renewable Energy Room: Ocean 1 Chairs: Jeng Shiun Lim Mazura Yusoh	Catalyst Room: Ha Long Chair: Siti Hajjar Che Man, Wiratni Sugiharto Budhijanto	Environmental Engineering Room: Hoi An Chairs: Sheng Zhou, Xiaobin Dong	Green Policies Room: Ocean 2 Chairs: Xiongfeng Pan Sandro Nižetić,

3:10-3:30 pm	KEYNOTE: Seiji Iwasa Ru(II)-Catalyzed Highly Efficient Insertion Reactions of Carbenoid into π and σ Bonds and their Applications	KEYNOTE: ICLCA19.0200: Jeng Shiun Lim Optimal Design of Integrated Palm Oil Complex with Palm Oil Mill Effluent Elimination Strategy	KEYNOTE: ICLCA19.0061: Cheng Tung Chong Determination of the activation energy and kinetics properties of algae (Sargassum Polycystum) via thermogravimetric analysis	KEYNOTE: ICLCA19.0108: Yueshu Gao Potential risk of antibiotics pollution in aquaponic system and control approaches	KEYNOTE: ICLCA19.0083: Jooyoung Kim A Study on the Process of Carbon Reduction Policy Using Activity-Based Model
3:30-3:45 pm	ICLCA19.0052: Sharifah Nurul Inani Syed Mustafa Mechanical and Thermal Properties of Polylactic Acid/Liquid Epoxidized Natural Rubber Blends	ICLCA19.0010: Shahirah Shamsuddin Effect of Tailor-Made Fertilizer and Medium on Growth Rate and Yield of Solanum Lycopersicum	ICLCA19.0031: Khajornsak Onlamnao Organic liquid product from cracking of used cooking oils with mixed catalysts	ICLCA19.0053: Song Wang Polyethylenimine modified corncob waste derived activated carbon for the removal of hexavalent chromium in the aqueous solution	ICLCA19.0179: Wai Shin Ho Development of Electricity and Heat Generation Assessment Index for Waste to Energy Technology Selection
3:45-4:00 pm	ICLCA19.0055: Tu Pham Le Phuong Preparation of Polylactide/modified Clay Bio-composites Employing Quaternized Chitosan-Modified Montmorillonite Clays for use as packaging films	ICLCA19.0062: Guo Ren Mong Pyrolysing Horse Manure via Microwave-induced Heating for Bioenergy Recovery	RCCE10: Yaminn Lwin Controlling the hydration reaction kinetics of calcium sulfoaluminate (CSA) cement with biopolymers	ICLCA19.0060: Cong Wang Contributions of photosynthate carbon to CH ₄ emission in paddy field under two typical rotation systems determined by 13C stable-isotope	ICLCA19.0098: Agis Papadopoulos Decarbonization Strategies for Commercial Buildings in Subtropical and Tropical Climates
4:00-4:15 pm	ICLCA19.0065: Siti Maizatul Farhain Salehuddin The Characterization of Hydroxyl Terminated Epoxidized Natural Rubber (HTENR) via Oxidation Degradation Method	ICLCA19.0028: Sanphawat Phromphithak Transesterification of Palm Oils Catalyzed by Ionic Liquid in a Microwave Heated Reactors	ICLCA19.0085: Su Bin Kang Adsorption Characteristics of Methylene Blue on PAA-PSBF Adsorbent	ICLCA19.0215: Hesam Kamyab Anaerobic Treatment of Wastewater Using Response Surface Methodology	ICLCA19.0120: Tanawat Boonpanya Assessment of Thailand Socio-Economic Impact Towards Greenhouse Gas Mitigation Actions in 2030 Using a Computable General Equilibrium Model
4:15-4:30 pm	ICLCA19.0076: Seong Deok Seo Investigation on the synergistic effect of Tetra Butyl Phosphonium Bromide with Poly(N-isoacrylamide) based kinetic hydrate inhibitor	ICLCA19.0020: Prapaporn Prasertpong Upgrading Biomass Pyrolysis Oil Model Compound via Esterification with Ethanol over Heteropoly Acid	ICLCA19.0124: Huy Pham Khanh A comparative study on photocatalytic performance of perovskite materials synthesized from discarded rare earth magnet with the one from pure neodymium salt	ICLCA19.0078: Nur Farzana Ahmad Sanadi Nutrient characteristics and correlation of food waste compost and its leachate treated with compost maker	ICLCA19.0182: Yee Van Fan Biomass Supply and Inventory Management for Energy Conversion
4:30-4:45 pm	ICLCA19.0157: Phuong Pha Thibthong Composite aerogel for heat insulation	ICLCA19.0029: Lalita Chumsawat Utilizing tobacco residues to generate carbon-negative biofuel via ablative pyrolysis	ICLCA19.0067: Siti Hajjar Che Man Preparation and Characterization of Hydroxyl Terminated Liquid Epoxidized Natural Rubber	ICLCA19.0159: Norhayani Othman Recycled Polyethylene Terephthalate (PET) As Dye Adsorbent	ICLCA19.0051: Rhoda Lilan Technological Confidence of Higher Education Institutions (HEIs) Towards e-Learning
4:45-5:00 pm	ICLCA19.0163: Rohah A Majid Thermal Stability and Compression Strength of Rigid Polyurethane/Kenaf Fiber Biocomposite Foam	ICLCA19.0177: Mazura Jusoh Kinetic Study of Esterification of Palm Fatty Acid Distillate (PFAD) using Sulfonated Glucose via Microwave-Assisted Heating	RCCE2: Khanin Nueangnoraj Redox behaviors of quinone-incorporated activated carbon in neutral electrolyte	ICLCA19.0231 Cassandra Phun Chien Bong Effect of feed to inoculum ratios on biogas yields of food waste and palm oil mill effluent	ICLCA19.0099: Seungjae Lee Low Emission Zone Policy in Europe: Milan and Paris Cases

5:00-5:15 pm	RCCHE30: Viet Bac T. Phung Theoretical Studies of Hydrogen Storage Materials: Hydrogen Diffusion in Monohydride Vanadium and Alloys	ICLCA19.0198: Kreangkrai Maneeintr Interfacial Tension Measurement for Alkaline-Polymer Flooding Application for Oil from Fang Oilfield, Thailand	RCCHE20: Kawin Simawattana Influence of Reaction Parameters on Oxidation of HMF for Pd Nanoparticles Immobilized on Activated Carbon	ICLCA19.0094: Ngan Thi Tuyet Dang Recovery of indium from waste streams by using supported liquid membranes with strip dispersion	ICLCA19.0022: Nazia Khalida Sulaiman Rural Web as A Tool To Project Trajectories For Green Economy
5:15-5:30 pm	ICLCA19.0217: Muzakkir Mohammad Zainol Ethyl Levulinate Synthesis from Levulinic Acid and Furfuryl Alcohol by Using Modified Carbon Cryogel		RCCHE7: Settakorn Upasen Thermal oxidation behaviour of synthesized zero-valent iron nanoparticles (nzvi)	RCCHE18: Rochim Bakti Cahyono Improvement Morphology of Low Grade Iron Ore by Dehydration Process for Ironmaking Industry: Effect of Pressure Condition	
5:30-5:45 pm	ICLCA19.0221: Norhayani Othman The Mechanical Properties of Photopolymer Prepared Via 3D Stereolithography Printing: The Effect of UV Curing Time and Anisotropy		ICLCA19.0018: Zurina Mohamad Laccase Immobilisation on Poly(ethylene) Terephthalate grafted with Maleic Anhydride (PET-g-MAH) Nanofiber Mats	ICLCA19.0111: Tu Tran Fabrication of Magnetic Iron Oxide/Graphene Oxide Nanocomposites for Removal of Lead Ions from Water	
6:45-9:00 pm	GALA DINNER Venue: Vissai Saigon Hotel, Room: Grand ball				
DAY 2 (16 rd October 2019, Wednesday)					
Venue : Vissai Saigon Hotel (Room: Grand ball)					
8.30-8:55 am	Plenary 3: Prof. Dr. Yasunori Tanji, Tokyo Institute of Technology, Japan (Chaired by Dr. Hoang Anh Hoang) Control of Antibiotic Resistant Pathogens by Bacteriophage				
8:55-9:20 am	Plenary 4: Prof. Dr. Vincent Bulone, Director of Adelaide Glycomics, Australia (Chaired by Prof. Dr. Jiří Jaromír Klemeš) Value Adding to Agricultural Biomass Waste: Immediate and Longer Term Applications				
9:20-9:45	Plenary 5: Prof. Dr. Haslenda Hashim, University Teknologi Malaysia, Malaysia (Chaired by Prof. Dr. Phung Le Thi Kim) Game Changer of Energy Sector: Renewable Energy Planning System (REPS) for Reshaping the Energy Landscape in Malaysia				
9:45-9:55 am	Introduction of AUN/SEED-Net (by Ms. Tonghathai Likhitweerawong)				
9:55-10:10 am	Introduction of ASEAN Engineering Journal (by Prof. Dr. Luis F. Razon)				
10:10-10:40 am	Tea Break/Networking				
Parallel Session					
		Biomass & Renewable Energy Room: Ocean 1 Chairs: Wai Shin Ho, Yee Van Fan	Food Technology Room: Ocean 2 Chairs: Le Van Viet Man, Song Wang	Biotechnology Room: Hoi An Chairs: Hesam Kamyab Nor Alafiza Yunus	Process Integration & Modelling Room: Ha Long Chairs: Nguyen Tuan Anh, Timothy Walmsley
10:40-11:00 am		KEYNOTE: RCCHE13: Keonakhone Khounvilay	KEYNOTE: ICLCA19.0212: Le Nguyen Doan Duy	KEYNOTE: RCCHE21: Vu Dinh Tien	KEYNOTE: ICLCA19.0194 Timothy Walmsley

	ICLCA Board Meeting <i>(by invitation)</i> Room: Sai Gon	Biofuel Distillated from Yang Tree Oil (Dipterocarpus Alatus Oil) by Vacuum distillation	Proteolytic and Lipolytic Activities of <i>Pseudomonas spp.</i> Isolated From Raw Milk in Mekong Delta of Vietnam	Evaluation and characterization of nutrient value of Sacha Inchi seeds grown in Vietnam and the residual pressed cake	Retrofitting Energy Efficiency into Industrial Processes
11:00-11:15 am		ICLCA19.0017: Mazura Jusoh Development of Sulphonated Sago Pith Waste Catalyst for Esterification of Palm Fatty Acid Distillate to Methyl Ester	ICLCA19.0082: Shun Kataniwa Food preservation system using the hydro-carbon refrigerant "GF-08"	RCCHE17: Heri Hermansyah Kinetic of Cholesterol Oxidation using Cholesterol Oxidase from Streptomyces sp. As Biocatalyst	ICLCA19.0038: Chawannat Jareenphasemmesuk Process Modeling and Simulation of Fast Pyrolysis Plant of Lignocellulosic Biomass Using Improved Chemical Kinetics in Aspen Plus®
11:15-11:30 am		RCCHE4: Mohd Asmadi Comparison on Morphology and Structure of Carboxymethyl Cellulose from Oil Palm Empty Fruit Bunch via Ionic Liquid and Alkaline Treatment	ICLCA19.0084: Yanti Maslina Mohd Jusoh Effect of Microwave Power, Extraction Time and Maltodextrin Concentration on the Encapsulation of Colorant from Blue Pea Flower (<i>Clitoria Ternatea</i>)	ICLCA19.0106: Desiree Vilar Effect of Effective Microorganisms on Selected Soil Properties	ICLCA19.0064: Yanti Maslina Mohd Jusoh Optimization of anthocyanin encapsulation from black mulberry
11:30-11:45 am		RCCHE23: Ong Hwai Chyuan Conversion of Microalgal Biomass to Biochar and Bioethanol using Wet Torrefaction	ICLCA19.0189: Quoc Dat Lai Enrichment of Gamma Oryzanol in Rice Bran Oil by Composite Membrane	ICLCA19.0115: Li Yee Lim The impact of compost utilisation toward the changes of nitrogen dynamics in soil	ICLCA19.0054: Jaya Prasanth Rajakal Mathematical Optimisation Model for Sustainable Management of Sago Palm Plantations
11:45-12:00 am		RCCHE11: Bemboy Niño F. Subosa Kinetic and Phase Equilibrium Studies of Base-Catalyzed Coconut Oil Transesterification with Methanol	RCCHE22: Myint Myint Khine Characterization of Chemical Constituents of Onion Skins (<i>Allium cepa</i> Linn.) and Preparation of Onion Skins Wine	ICLCA19.0218: Jacklyn Andrada Biosorption Capacity of Selected Aquatic Plants	ICLCA19.0147: Ung Tran Hai Simulation System Of Flow Through Butterfly Valves To Mix Ethanol And Gasoline For Producing Gasohol Using CFD Solidworks Software
12:00-12:15 am		ICLCA19.0041: Wai Shin Ho Optimization of Hydrogen Supply Chain: A Case Study in Malaysia	RCCHE12: Ku Marsilla Ku Ishak Evaluation of Hydroxyapatite from Fish Bone As Potential Protein Adsorber	ICLCA19.0178 Mazura Jusoh Microwave Assisted Extraction of Peperomia Pellucida for Dengue Remedy	ICLCA19.0219: Dayang Norulfairuz Abang Zaidel Optimization of Bacterial Cellulose Production from Pineapple Waste using Different Fermentation Method
12:15-12:30 am		ICLCA19.0032: Trung Nghia Le Tran Synthesis of Zinc Oxide/Reduced Graphene Oxide Composites for Fabrication of Anodes in Dye-Sensitized Solar Cells	RCCHE24: Nguyen Thi Minh Tu Overview on Oils quality in Vietnamese Market and Health value of Rice Bran Oil	ICLCA19.0058: Nor Alafiza Yunus Characterisation of Andrographolide in Andrographis Paniculata under Different Cultivation Conditions	ICLCA19.0235: Hoo Poh Ying Role of Energy Storage System (ESS) in decarbonising future power system - insight from unit commitment dispatch model
12:30-1:30 pm	Lunch/ Networking				
	Parallel Session				

	Poster Presentation Room: Sai Gon Chairs: Le Minh Vien, Mohd Asmadi M. Yussuf	Cleaner Production Room: Ocean 1 Chairs: Leonora Ngilangil, Wanwipa Siriwatwechakul	Sustainable Technology Room: Ocean 2 Chairs: Kreangkrai Maneeintr, Cassandra Phun Chien Bong	Urban Planning & Smart Cities Room: Hoi An Chairs: Simon Beecham, Zarina Ab. Muis	Process Integration & Modelling Room: Ha Long Chairs: Paweena Prapainainar, Zhuo Wang
1:40-2:00 pm	List of Poster Presenters is shown below	KEYNOTE: ICLCA19.0107: Leonora Ngilangil Effectiveness of Vetiver zizanioides in Purifying Wastewater from Pig Farm	KEYNOTE: ICLCA19.0197: Kreangkrai Maneeintr Application of FGD Waste for Degraded Soil Amendment Sustainable Agriculture	KEYNOTE: ICLCA19.0100: Agis Papadopoulos Co-generation in Office Buildings: A Tool for Sustainable Office Buildings in Humid Subtropical and Hot Mediterranean Climates?	KEYNOTE: ICLCA19.0139: Wasinee Wannasiri The Potential of Biomass Fuel and Land Suitability for Biomass Power Plant based on GIS Spatial Analysis in the Nakhon Ratchasima Province, Thailand
2:00-2:15 pm		ICLCA19.0213: Dayang Norulfairuz Abang Zaidel Extraction of Swietenia macrophylla Seed Oil using Supercritical Carbon Dioxide Technique and Its Antioxidant, Antidiabetic and Toxicity Properties	RCCHE3: Chanvorleak Phat Analysis of Pesticide Residues in Surface Water in Chnok Tru Floating Community of Tonle Sap Lake during Low Water Season	ICLCA19.0080: Wan Nurul Mardiah Wan Mohd Rani Urban Community Garden : Drivers and Motivations	ICLCA19.0188: Haslenda Hashim Optimal Sizing of Small Scale Liquefied Natural Gas Storage using Numerical Cascade Pinch Analysis
2:15-2:30 pm		RCCHE8: Arnel b. Beltran Fabrication Optimization of Forward Osmosis Membrane from Bacterial Cellulose-Alginate Composite for Water Recovery	ICLCA19.0135: Song Toan Pham Phu Enhancing waste management practice – the sustainable strategy for solid waste management in Vietnam	ICLCA19.0190: Zarina Ab Muis Multi-stage Carbon Emission Pinch Analysis Technique for Integrated System of Power Generation System and Electric Vehicle in Peninsular Malaysia for year 2035	ICLCA19.0175: Paweena Prapainainar Optimization of operating conditions of bio-hydrogenated diesel production from fatty acid
2:30-2:45 pm		ICLCA19.0229: Siti Musliha Mat Ghani Adhesion Enhancement of Poly(Acrylamide-co-Acrylic Acid)/ Polyethylene Glycol Anti Biofouling Coating using Fly Ash based Geopolymer	ICLCA19.0143: Dhanawich Taechaboonsersak Effect of Calcium Hydroxy Phosphate as a Crystallinity Enhancer in Nafion Membrane for Direct Methanol Fuel Cell	ICLCA19.0183: Cuong Le Dinh Assessment on the reality of the development of land fund in the area of Phu Vang district, Thua Thien Hue Province	ICLCA19.0187: Wai Hoong Khu Moving windows prediction of refined, bleached and deodorized palm oil quality using multiple least squares and partial least squares regressions
2:45-3:00 pm		ICLCA19.0214: Zurina Mohamad Synergistic Effect of Graphene Oxide/Halloysite in Anticorrosion Performance and Flame Retardancy Properties of Epoxy Nanocomposite Coating	ICLCA19.0037: Hai S. Truong-Lam Water purifying by gas hydrate: potential applications to desalination and wastewater treatments	ICLCA19.0195: Simon Beecham Using Green Infrastructure to Create Carbon Neutral Cities – An Accounting Methodology	ICLCA19.0050: Zhuo Wang Removal of Reactive Black 5 from Aqueous Solution Using a Polyethylenimine Crosslinked Chitin Adsorbent: Batch and Fixed- bed Column Studies
3:00-3:15 pm		ICLCA19.0226: Azizul Azri Mustaffa Ionic liquid solvent design framework for extraction of phytochemicals using microwave-assisted method	ICLCA19.0057: Pakamon Pintana Overview of Pelletisation Technology and Pellet Characteristics from Maize Residues	ICLCA19.0102: Seungjae Lee A Study on the Methodology of Estimating the Cost Division for Feasibility Evaluation of Environment-Friendly	RCCHE9: Juwari Purwo Sutikno Mini Literature Review for Simulation of Rotary Cement Kilns

				Transportation Facilities Investment	
3:15-3:30 pm		RCCHE6: Hlaing Hlaing Myint Colour removal of aqueous methylene blue solution by using graphene oxide and graphene synthesized from rice straw	ICLCA19.0091: Widhi Handayani Water Footprint of the Natural Coloured Batik-Making Process: A Study on a Batik Small Enterprise in Jarum Village, Klaten Regency, Indonesia	ICLCA19.0073: Kunlatida Yachai City Carbon Footprint Adaptation on Green Supply Chain and Logistics of Food Production and Consumption: Case Study of Yasothon Municipality	ICLCA19.0204: Hon Huin Chin* Short Term Maintenance Tasks Scheduling with Pinch Methodology
3:30-3:50 pm	Tea Break/Networking				
	Venue: Vissai Saigon Hotel (Room: Grand ball)				
3:50-4:15 pm	Plenary 6: Prof. Dr. Kiyohiko Nakasaki, Tokyo Institute of Technology, Japan (Chaired by Prof. Dr. Lee Chew Tin) <i>A New Microbial DNA Analysis-based Approach to Improve Environmental Biotechnologies</i>				
4:15-4:40 pm	Plenary 7: Prof. Dr. Won-Chun Oh, Hanseo University, Korea (Chaired by Prof. Dr. Le Minh Vien) <i>Modification and Functionalization of Graphene-based Materials for Different Applications</i>				
4:40-5:15 pm	Closing Ceremony Closing Remark & Certificate of Appreciation Pre-Launch of ICLCA 2020, Shanghai Jiao Tong University, China				

List of Poster Presenters (Please prepare and print poster in A0 size) 16th October 2019, 1:40-3:30pm

ID No	Presenter	Paper title
ICLCA19.0110	Thai Van Nam	Health risk assessment of glyphosate at grape farms, Tuy Phong district, Binh Thuan province
ICLCA19.0075	Truong Xuan Minh Nguyen	Microwave heated synthesis of PdAg core-shell nanowires for electrochemical oxidation of ethanol in alkaline media
ICLCA19.0216	Nga Dinh Thi	The performance of an anaerobic digester treating bio-sludge generated from a municipal wastewater treatment plant in a pilot scale
ICLCA19.0205	Luan Tran N. B.	Study on the performance of internal circulation (IC) anaerobic reactor treating high strength of food processing wastewater: effect of organic loading rate
ICLCA19.0011	Van Dung Trinh	Minimizing the Cost of Preparing the Culture Medium for Spirulina Platensis Algae with Vinh Hao Natural Mineral Water
ICLCA19.0016	Nor Erniza Mohammad Rozali	Cost-optimum Design of Grid-tied Hybrid Diesel-Renewable Energy Systems Using Power Pinch Analysis
ICLCA19.0039	Bien Cong Trung	Carbon grain supported nano-sized Au for low temperature removal of VOCs in humid condition: effect of catalyst's synthesis conditions
ICLCA19.0046	Huu Trung Nguyen	Modelling of The Coating Spray Process Biodegradable Polymer Solution for Production of Controlled-Release Fertiliser
ICLCA19.0068	Pham Huu-Thien	The preparation of palladium-based catalyst via dielectric-barrier discharge (DBD) for total oxidation of VOCs and CO at low temperature
ICLCA19.0086	Nam Dao The	Effects of processing temperature and pressure on increasing nanocomposite density by chemical vapor infiltration
ICLCA19.0088	Ha Ngan Nguyen	Re-using Sprout Growing Medium and Other Agricultural By-products for Compost Production
ICLCA19.0093	Thanh Thang Tran	Effect of Drought Stress and Thermal Pre-treatment on the in vitro Shoot Development of <i>Solanum lycopersicum</i> L.
ICLCA19.0097	Mai Thi Ngoc Lan Thanh	Antibacterial Activity of Tram Tron Syzygium Glomerulatum Extract Against Methicillin-Resistant <i>Staphylococcus aureus</i>
ICLCA19.0109	Thai Van Nam	Durian peel wastes and modified durian peel absorbents with fatty acid for oil spill removal
ICLCA19.0114	Lieuba Nguyen	Screening for cellulolytic actinomycetes for decomposition of agricultural waste
ICLCA19.0121	Chalida Niamnuy	Optimization of carboxymethyl cellulose synthesis from pineapple leaves using microwave heating and its application as a food thickening agent

ICLCA19.0125	Yang Fan	An Iterative and Subnetwork-Dividing Method to Design Multi-contaminants Water-using Networks with Multiple Regeneration Units
ICLCA19.0126	Dinh Quan Nguyen	Reusing alkaline solution in lignocellulose pretreatment to save consumable chemicals without losing efficiency
ICLCA19.0134	Truong Xuan Minh Nguyen	Effects of Phenyltrimethoxysilane and Polyvinyl Alcohol on the Properties of Methyltrimethoxysilane-based Silica Aerogels
ICLCA19.0140	Nor Alafiza Yunus	Cetane Number Estimation of Pure Compound using Group Contribution Method
ICLCA19.0142	Song Toan Pham Phu	Carbon footprint evaluation for the traditional ceramic village - A case study in Hoi An City, Vietnam
ICLCA19.0149	Tam Vo	Investigation of calcium-binding capacity and functional properties of <i>Acetes japonicus</i> protein hydrolysate
ICLCA19.0151	Diep N. Pham	Fabrication of TiO ₂ monolithic photocatalyst and evaluation of its antibacterial activity under simulated solar irradiation
ICLCA19.0152	Le Thi Thuy Tien	The induction of beta <i>vulgaris</i> L. Adventitious roots in in vitro culture for betalains
ICLCA19.0153	Xiongfeng Pan	Research on the Influence of FDI Quality on Energy Efficiency
ICLCA19.0165	Van Dung Nguyen	One-step preparation of rice husk-based magnetic biochar and its catalytic activity for p-nitrophenol degradation
ICLCA19.0174	Paweena Prapainainar	Synthesis Conditions for Natural Rubber and Natural Rubber reinforced Graphene Fibre Production by Electrospinning
ICLCA19.0181	Hien Nguyen	Effects of Technological Parameters of Enzyme Treatment on the Protein Extraction Yield from Defatted Peanut Meal
ICLCA19.0184	Thi-Ngoc-Suong Ho	Photocatalytic Degradation of Phenol in Aqueous Solutions by TiO ₂ /SiO ₂ composite
ICLCA19.0186	Thao Luu	Morphology Control and Advanced Properties of Bio-Aerogels From Pineapple Leaf Waste
ICLCA19.0192	Quoc Dat Lai	Recovery of Gamma- Aminobutyric Acid (GABA) from the Fermentation of Rice Bran Extract by Ultrafiltration
ICLCA19.0196	Nhu Khue Doan	Inactivation of <i>E. coli</i> O157:H7 by Ohmic Heating at Different Frequencies and Temperatures in Buffer and Pomelo Juice
ICLCA19.0201	Thi Kim Phung Le	Ultrasound-assisted Extraction of Papaya Seed Oil and Antioxidant Activity of Papaya Seed Extracts
ICLCA19.0206	Takeshi Fujiwara	Waste-to-landfill reduction: An assessment of cost-effective solutions using a non-linear optimisation model
ICLCA19.0223	Anh Kien Le	Effect of synthesis conditions on carbon aerogels material to remove pesticide in Cuu Long delta rivers
ICLCA19.0230	Nur Izzah Afiqah Hasim	A framework of solar thermal performance study for poultry industry
ICLCA19.0234	Muhammad Imran Ismail	The Challenges and Opportunities of Solar Thermal for Palm Oil Industry in Malaysia
ICLCA19.0233	Lim Kah Choon	Cold Energy Recovery Performance Study for Liquefied Natural Gas (LNG) Regasification Process
ICLCA19.0056	Jining Zhang	Assessment of biochar and glass stone to improve the nutrient transformation for swine manure compost production
ICLCA19.0008	Hesam Kamyab	Bacterial carbonic anhydrase in carbon dioxide sequestration to mitigate the climatic change
RCCHE 001	Thibthong Phuong Pha	Ultra-Light, Highly Porous and Mechanically Strong PVA-Graphene Composite Aerogels
RCCHE 005	D. X. T. Huynh	Determination of formaldehyde emission from wood-based panels in Vietnam: Comparison between small chamber method and desiccator method
RCCHE 020	N. V. Tuan	Synthesis of hollow nanospheres Zinc Phosphate via soft template method
ICLCA19.0227	Nirwan Syarif	Gelam Tree-Derived Carbon Nanosheets: Towards Development Of Thick And Free-Standing Electrode For Supercapacitor
ICLCA19.0228	Sri Haryati	Performance Carbon Nanosheet Electrode in Supercapacitor

DAY 3 (October 17, 2019, Thursday) 8:00 am – 5:00 pm (Bus Pick-up Meeting Point: Vissai Saigon Hotel; Departure time 8:00 am)

Eco-tour at Mekong Delta

Deadline for on-site registration of the Eco-tour: 16:00h, October 15, 2019.

On-site Registration Fee: USD 40