

ICAFEE 2019 Programme

Date	Friday, 18 th October			
10:00-16:00	Interactive Scientific Writing Workshop (Venue: Room 809, 8F, Xue-Si Building, FCU)			
16:00-17:30	Future Challenges: Artificial Intelligence (Venue: Room 809, 8F, Xue-Si Building, FCU)			
18:00-19:00	Early Registration (Venue: Room 711-1, 7F, Xue-Si Building, FCU)			
19:00-20:00	Reception Dinner (Invited only) (Venue: Sciarpa pasta-Feng Chia branch)			
Date	Saturday, 19 th October			
8:30-9:30	Registration (Venue: 2F, Xue Si Building, FCU)			
9:30-09:50	Opening Ceremony of The 4th International Conference on Alternative Fuels, Energy and Environment (ICAFEE): Future and Challenges (Venue: 9 th International Conference Hall, 2F, Xue Si Building)			
09:50-10:10	Group photo			
10:10-10:30	Coffee Break			
10:30-11:30	Plenary Speakers Session I (Venue: 9 th International Conference Hall, 2F, Xue Si Building)			
11:30-13:20	Lunch			
Parallel sessions				
Presentation Venue	9 th International Conference Hall, 2F, Xue Si Building	Room 104, 1F, Xue Si Building	Room 105, 1F, Xue Si Building	Room 103, 1F, Xue Si Building
13:20-15:15 (115 min)	Keynote Speakers Session I	Session I: Biomass/Waste Valorization to Materials, Fuels and Chemicals I	Session III: Biomass/Waste Valorization to Materials, Fuels and Chemicals II	Session V: Biomass/Waste Valorization to Materials, Fuels and Chemicals III
15:15-15:40	Coffee Break			
15:40-17:30 (110 min)	Keynote Speakers Session II	Session II: Industrial Process and Treatment	Session IV: Alternative/New Energies	Session VI: Biomass/Waste Valorization to Materials, Fuels and Chemicals IV
Date	Sunday, 20 th October			
09:30-10:30	Plenary Speakers Session II (Venue: 9 th International Conference Hall, 2F, Xue Si Building)			
10:30-10:50	Coffee Break			
Presentation Room	9 th International Conference Hall, 2F, Xue Si Building	Room 104, 1F, Xue Si Building	Room 105, 1F, Xue Si Building	Breezeway, 1F, Xue Si Building
10:50-11:50 (65 min)	Session VII: Biomass/Waste Valorization to Materials, Fuels and Chemicals V	Session IX: Biomass/Waste Valorization to Materials, Fuels and Chemicals VI	Session XI: Biomass/Waste Valorization to Materials, Fuels and Chemicals VII	Posters and Virtual Session 10:30 19 th Oct- 12:00 20 th Oct
11:55-13:30	Lunch			

13:30-15:20 (110 min)	Session VIII: Sustainability and Circular Economy	Session X: Environmental Remediation and Protection	Session XII: Biomass/Waste Valorization to Materials, Fuels and Chemicals VIII	
18:30-20:30	Closing Ceremony & Gala Dinner (Venue: In Sky Hotel)			
Date	Monday, 21st October			
8:00-17:00	Bioenergy on-site Visiting			

The 4th International Conference on Alternative Fuels, Energy and Environment (ICAFEE): Future and Challenges	
Date: 18 – 21, October 2019 Venue: Feng Chia University, Taichung, Taiwan	
Date	Friday, 18th October
10:00-16:00	Interactive Scientific Writing Workshop (Venue: Room 809, 8F, Xue-Si Building, FCU)
16:00-17:30	Future Challenges: Artificial Intelligence (Venue: Room 809, 8F, Xue-Si Building, FCU)
18:00-19:00	Early Registration (Venue: Room 711-1, 7F, Xue-Si Building, FCU)
19:00-20:00	Reception Dinner (Invited only) (Venue: Sciarpa pasta-Feng Chia branch)
Date	Saturday, 19th October
8:30-9:30	Registration (Venue: 2F, Xue Si Building, FCU)
9:30-09:50	Opening Ceremony of The 4th International Conference on Alternative Fuels, Energy and Environment (ICAFEE): Future and Challenges (Venue: 9 th International Conference Hall, 2F, Xue Si Building)
09:50-10:10	Group Photo (Venue: Outside stairs, 2F, Xue Si Building)
10:10-10:30	Coffee Break (Venue: 1F, Xue Si Building)
10:30-11:30	Plenary Speakers Session I (Venue: 9 th International Conference Hall, 2F, Xue Si Building) Chairperson: Asst. Prof. Dr. Abdulaziz ATABANI
10:30-11:00	Prof. Dr. Ibrahim DINÇER , University of Ontario Institute of Technology, Canada New dimensions and directions in alternative fuels, energy and environment (Plenary speaker)
11:00-11:30	Dr. Niven HUANG , KPMG Sustainability Services in Asia Pacific The new equation for our low carbon future (Keynote speaker)
11:30-13:20	Lunch (Venue: Room 104/Room 105, 1F, Xue Si Building)
Keynote Speakers Session I (Venue: 9 th International Conference Hall, 2F, Xue Si Building) Chairperson: Prof. Dr. Jo-Shu CHANG	
13:20-13:50	Prof. Dr. Gro JOHNSEN , University of Stavanger, Norway Sustainable recovery and upgrading of organic waste in the Stavanger Region, Norway (Keynote speaker)
13:50-14:20	Prof. Dr. Jo-Shu CHANG , Tunghui University, Taiwan New aspects of microalgae-based wastewater treatment (Keynote speaker)
14:20-14:50	Dr. Sudhir P. SINGH , CIAB, Mohali, India Bioprocessing of agro-industrial residues into value-added functional and energy biomolecules (Keynote speaker)
14:50-15:10	Asst. Prof. Dr. Aino-Maija LAKANIEMI , Tampere University, Finland Nutrient recovery from wastewaters with microalgae (Invited speaker)
15:10-15:40	Coffee Break (Venue: 1F, Xue Si Building)

Keynote Speakers Session II (Venue: 9 th International Conference Hall, 2F, Xue Si Building) Chairperson: Prof. Wei-Hsin CHEN	
15:40-16:10	Mr. Corey LIEN , DOMI Earth, Taiwan Building systematic climate action? (Keynote speaker)
16:10-16:40	Prof. Dr. Wei-Hsin CHEN , National Cheng Kung University, Taiwan Development of thermochemical conversion of microalgal biomass for biofuel production (Keynote speaker)
16:40-17:10	Assoc. Prof. Dr. Sang-Hyoun KIM , Yonsei University, Republic of Korea Recent perspective of organic waste treatment and anaerobic digestion in Korea (Keynote speaker)
17:10-17:30	Asst. Prof. Dr. Lamya AL-HAJ , Sultan Qaboos University, Sultanate of Oman Exploring local natural resources for the production of second generation biofuels (Invited speaker)
Session I: Biomass/Waste Valorization to Materials, Fuels and Chemicals I (Venue: Room 104, 1F, Xue Si Building) Chairperson: Dr. Peter BAKONYI	
13:20-13:40	Dr. Peter BAKONYI , University of Pannonia, Hungary Trends and perspectives in membrane separator engineering for microbial fuel cells (Invited speaker)
13:40-14:00	Dr. Cansu ULUŞEKER , University of Stavanger, Norway Antimicrobial resistance gene transfer in wastewater treatment models (Invited speaker)
14:00-14:15	Dr. Paskalis Sahaya Murphin KUMAR , Sultan Qaboos university, Sultanate of Oman A single step green conversion of Glycolipid mediated Fe ₃ O ₄ /Fe ⁻ porous carbon composites derived from <i>Crescentia cujete</i> fruit shells for ultra supercapacitor and an effective adsorbent (No. 7)
14:15-14:30	Prof. Dong-Jin KIM , Hallym University, Republic of Korea Mg/Al co-impregnated biochar for the adsorption and desorption of phosphates and nitrate (No. 54)
14:30-14:45	Dr. Paskalis Sahaya Murphin KUMAR , Sultan Qaboos University, Sultanate of Oman Facile synthesis of Fe ₂ O ₃ /C composites from pistachio waste through simultaneous process for ciprofloxacin adsorption (No. 177)
14:45-15:00	Dr. Paskalis Sahaya Murphin KUMAR , Sultan Qaboos University, Sultanate of Oman Seawater-templated porous ash via direct pyrolysis of peanut biomass as an abundant reusable adsorbent for the abatement of lead species (No. 181)
15:15-15:40	Coffee Break (Venue: 1F, Xue Si Building)
Session II: Industrial Process and Treatment (Venue: Room 104, 1F, Xue Si Building) Chairperson: Prof. Dr. Rajendra Prasad SINGH	
15:40-16:00	Prof. Dr. Rajendra Prasad SINGH , South East University, China Mercury remediation in contaminated water runoff systems (Invited speaker)
16:00-16:15	Dr. Goraskanth TALLAKAR , Qatar University, Qatar Thermochemical Splitting of CO ₂ using solution combustion synthesized La-Sr-Mn-based Perovskite (No.21)
16:15-16:30	Ms. Birgitta Narindri Rara WINAYU , National Cheng Kung University, Taiwan The Biomass and Lipid Productivity of <i>Thermosynechococcus</i> sp. CL-1 Cultivation in the Swine Wastewater during CO ₂ Fixation Process (No. 73)

16:30-16:45	Prof. Justin Chun-Te LIN , Feng Chia University, Taiwan A full-scale study of whiskey distillery wastewater treatment with metagenomic analysis of anaerobic sludge (No. 121)
16:45-17:00	Prof. Yu-Hong HOU , National Cheng Kung University, Taiwan Modified graphitic carbon nitride prepared by a microwave-assisted-hydrothermal method for high pressure photoreduction of CO ₂ (No. 128)
17:00-17:15	Ms. Raymond Chong Ong TANG , National Ilan University, Taiwan Utilization of hydraulic shear stress in microbial fuel cell as self-buffer regulation mechanism (No. 176)
17:15-17:30	Prof. Wontae LEE , Kumoh National Institute of Technology, Republic of Korea Microbial fuel cell as a promising technology for bioelectricity generation through the reduction of hexavalent chromium in wastewater: A review (No. 249)
Session III: Biomass/Waste Valorization to Materials, Fuels and Chemicals II (Venue: Room 105, 1F, Xue Si Building) Chairperson: Assoc. Prof. Dr. Ala'a H. AL-MUHTASEB	
13:20-13:40	Assoc. Prof. Dr. Ala'a H. AL-MUHTASEB , Sultan Qaboos University, Sultanate of Oman Optimization of biodiesel production from waste Date pits (Invited speaker)
13:40-14:00	Dr. Mohanasundaram RANGANATHAN , VIT University, India Hybrid swarm intelligence in environmental Science (Invited speaker)
14:00-14:15	Ms. Anongnart WANAPOKIN , National Chung Hsing University, Taiwan Potential of bio-hydrogen production from dark fermentation of nanoparticles with <i>C. pasteurianum</i> using a co-immobilization technique (No. 98)
14:15-14:30	Mr. Bo-Jhih LIN , National Cheng Kung University, Taiwan Thermal decomposition characteristics of <i>Actinobacillus succinogenes</i> for energy use (No. 61)
14:30-14:45	Mr. Chia-Yang CHEN , National Cheng Kung University, Taiwan Synergistic effect of co-torrefaction between intermediate waste epoxy resins and fir (No. 62)
14:45-15:00	Mr. Yi-Kai CHIH , National Cheng Kung University, Taiwan A new application of liquid products from biomass torrefaction for methanol partial oxidation (No. 65)
15:00-15:15	Ms. Ngo Thi Ngoc Lan THAO , National Central University, Taiwan Enhancement of hydrogen production by hot gas cleaning system combined with prepared Ni based catalyst in biomass gasification (No. 83)
15:15-15:40	Coffee Break (Venue: 1F, Xue Si Building)
Session IV: Alternative/New Energies (Venue: Room 105, 1F, Xue Si Building) Chairperson: Prof. Dr. Majeda KHRAISHEH	
15:40-16:00	Prof. Dr. Majeda KHRAISHEH , Qatar University, Qatar LNG trace CO ₂ removal via new generation of advanced physisorbents (Invited speaker)
16:00-16:15	Dr. Mohanakrishna GUNDA , Qatar University, Qatar Bioanodic activity stimulation by simple organics (sewage and acetate) addition in soil microenvironment for recalcitrant pollutants degradation (Invited speaker)

16:15-16:30	Dr. Paskalis Sahaya Murphin KUMAR , Sultan Qaboos University, Sultanate of Oman One pot synthesis of Molybdenum nanoparticles supported Nickel sulfide microspheres for the ultra stable remarkable energy storage anodes on Li-ion batteries (No. 6)
16:30-16:45	Prof. Dr. Yu-Wei SU , Feng Chia University, Taiwan Optimization and characterization of Gallium and Carbon doped Indium Cadmium Sulfur-based photocatalysts (No. 76)
16:45-17:00	Ms. Ye-Seung SON , Korea Institute of Industrial Technology (KITECH), Republic of Korea Hydrogen production by metabolically engineered <i>Clostridium acetobutylicum</i> based on CRISPR/Cas9 system (No. 131)
17:00-17:15	Ms. Do-Hyung KIM , Korea Institute of Industrial Technology (KITECH), Republic of Korea Investigation of the effect of iron-based catalyst to expand of biomass utilization in bio-hydrogen production by <i>Clostridium butyricum</i> DSM 10702 (No. 163)
17:00-17:15	Mr. Chia-Min CHANG , Feng Chia University, Taiwan Adsorption capability of mango-tree branch biochars (No. 271)
Session V: Biomass/Waste Valorization to Materials, Fuels and Chemicals III (Venue: Room 103, 1F, Xue Si Building) Chairperson: Dr. Mohanakrishna GUNDA	
13:20-13:40	Dr. Mohanakrishna GUNDA , Qatar University, Qatar Bioelectrochemical cells (BES) for Electrogenesis and Bioelectrochemical Treatment of Petroleum Based Hydrocarbons Contaminated Soils (Invited speaker)
13:40-13:55	Prof. Dr. Chung-Hsing CHAO , Ta Hwa University of Science and Technology, Taiwan Testing human urine's electricity generation versus relationship with diseases such as diabetes, cancer, and gout (No. 67)
13:55-14:10	Ms. Chaeyoung RHEE , Gyeongnam National University of Science and Technology, Republic of Korea Development of integrated control system for real-time monitoring of liquid level and density in anaerobic digesters using nonlinear regression model (No. 86)
14:10-14:25	Mr. Seungyeob HAN , Korea Advanced Institute of Science and Technology, Republic of Korea Novel permeable cathode for the enhanced methane production in microbial electrosynthesis system (No. 125)
14:25-14:40	Prof. Majeda KHRAISHEH , Qatar University, Qatar Isotherm studies and mechanisms for the removal of humics using granular activated carbon, alumina and ferric adsorbents (No. 174)
14:40-14:55	Dr. Jeong-Hoon PARK , Korea Institute of Industrial Technology (KITECH), Republic of Korea Shift of microbial community structure by substrate level in dynamic membrane bioreactor (DMBR) (No. 183)
15:20-15:40	Coffee Break (Venue: 1F, Xue Si Building)
Session VI: Biomass/Waste Valorization to Materials, Fuels and Chemicals IV (Venue: Room 103, 1F, Xue Si Building) Chairperson: Dr. Michael RANCK	
15:40-16:00	Dr. Michael RANCK , Toi Toi Hong Kong Ltd, Hong Kong Human Wastewater Treatment employing practical and efficient biological processes (Invited speaker)

16:00-16:15	Ms. Laurensia IRMAYANI , Industrial Technology Research Institute, Taiwan Effect of different pretreatment technologies and solid concentrations on biogas yield in anaerobic fermentation system of pig manure (No. 57)
16:15-16:30	Mr. Roent Dune CAYETANO , Yonsei University, Republic of Korea Sludge treatment in an AnDMBR for biomethane recovery (No. 96)
16:30-16:45	Dr. Shashi Kant BHATIA , Konkuk University, Republic of Korea Bioconversion of waste cooking oil into biodiesel using heterogeneous catalyst derived from wine bottle cork (No. 147)
16:45-17:00	Prof. Dr. Ki Young PARK , Konkuk University, Republic of Korea Enhancing the digestion efficiency of leather fleshing waste through co-digestion and the response of microbial communities (No. 179)
17:00-17:15	Prof. Dr. Arivalagan PUGAZHENDHI , Ton Duc Thang University, Vietnam Advanced genome engineering strategies in energy-based marine biomass for biofuel production (No. 185)
17:15-17:30	Mr. Tae-Guen LIM , Korea University, Republic of Korea Molecular evidence for the metabolic contribution of microbial communities on methanogenesis by direct interspecies electron transfer (DIET) via conductive materials (No. 211)

Date	Sunday, 20 th October
09:30-10:30	Plenary Speakers Session II (Venue: 9 th International Conference Hall, 2F, Xue Si Building) Chairperson: Assoc. Prof. Dr. Gopalakrishnan KUMAR
09:30-10:00	Prof. Dr. Bill NIMMO , University of Sheffield, UK Waste to energy outlook (Plenary speaker)
10:00-10:30	Prof. Dr. Ashok PANDEY , CSIR-Indian Institute of Toxicology Research, India Waste to wealth: resource recovery & sustainability (Plenary speaker)
10:30-10:50	Coffee Break (Venue: 1F, Xue Si Building)
Session VII: Biomass/Waste Valorization to Materials, Fuels and Chemicals V (Venue: 9 th International Conference Hall, 2F, Xue Si Building) Chairperson: Assoc. Prof. Dr. Edwin Geo VARUVEL	
10:50-11:10	Assoc. Prof. Dr. Edwin Geo VARUVEL , SRM University, India Investigations to reduce CO ₂ emission using low carbon biofuels in a CRDI engine (Invited speaker)
11:10-11:25	Mr. Jong-Hun PARK , Yonsei University, Republic of Korea Effect of shear velocity on dark fermentative hydrogen production (No. 75)
11:25-11:40	Mr. Ju-Hyeong JUNG , Yonsei University, Republic of Korea Effect of substrate concentration on dark fermentative hydrogen production (No. 102)
11:40-11:55	Prof. Dr. Jyh-Cherng CHEN , Feng Chia University, Taiwan Recycling and reuse of waste solar panels for the synthesis of porous material (No. 127)
11:55-13:30	Lunch (Venue: 1F, Xue Si Building)

Session VIII: Sustainability and Circular Economy (Venue: 9 th International Conference Hall, 2F, Xue Si Building) Chairperson: Dr. Eldon R RENE	
13:30-13:50	Dr. Eldon R RENE , UN-IHE, Delft, The Netherlands Bioprocesses for air pollution control (Invited speaker)
13:50-14:05	Prof. Dr. Wei WU , National Cheng Kung University, Taiwan Life cycle assessment of pig farming systems using microalgae-based piggery wastewater treatment (No. 37)
14:05-14:20	Mr. Yeadam JO , Ulsan National Institute of Science and Technology (UNIST), Republic of Korea Treatment of low-strength ammonia wastewater by single-stage partial nitrification and anammox using gel-immobilized biomass (No. 56)
14:20-14:35	Prof. Dr. Lida SIMASATITKUL , King Mongkut's University of Technology North Bangkok, Thailand Process intensification approach for design and optimization of biodiesel production from palm fatty acid distillate (No. 64)
14:35-14:50	Ms. Meng-Fen SHIH , Feng Chia University, Taiwan Life cycle assessment of using natural gas fuel for textile setting unit (No. 112)
14:50-15:05	Ms. Kunlanan WIRANARONGKORN , Chulalongkorn University, Thailand Hydrogen and power generation via integrated bio-oil sorption enhanced steam reforming and solid oxide fuel cell systems: Economic feasibility analysis (No. 130)
15:05-15:20	Ms. Nithin KUMAR , National Institute of Technology Warangal, India Application of sewage sludge as fertiliser-review (No. 234)
15:20-15:35	Mr. Mostafa Saad SAYED , Yeungnam University, Republic of Korea Three-dimensional WO ₃ /Bi ₂ MoO ₆ /Co-Pi heterostructure for enhanced photoelectrochemical water splitting (No. 254)
Session IX: Biomass/Waste Valorization to Materials, Fuels and Chemicals VI (Venue: Room 104, 1F, Xue Si Building) Chairperson: Prof. Dr. Jui-Jen CHANG	
10:50-11:10	Prof. Dr. Jui-Jen CHANG , China Medical University, Taiwan Biomimetic strategy for constructing <i>Clostridium thermocellum</i> cellulosomal operons in <i>Bacillus subtilis</i> (Invited speaker)
11:10-11:25	Ms. Charlotte WEAVER , University of Leeds, United Kingdom Impacts of large-scale bioenergy expansion on land use change and biodiversity (No. 124)
11:25-11:40	Ms. Chong Yen YEE , University of Nottingham Malaysia, Malaysia Kinetic study on catalytic pyrolysis of cellulose with oxides (No. 221)
11:40-11:55	Prof. Dr. Raji ATCHUDAN , Yeungnam University, Republic of Korea Hydrophilic nitrogen-doped carbon dots from biowaste using dwarf banana peel for fluorometric sensor and bioimaging (No. 263)
11:55-13:30	Lunch (Venue: 1F, Xue Si Building)

<p>Session X: Environmental Remediation and Protection (Venue: Room 104, 1F, Xue Si Building) Chairperson: Prof. Dr. Chien-Ping WANG</p>	
13:30-13:50	<p>Dr. Yi-Hsing LIN, ITRI, Taiwan Characteristics and biogas production potential of livestock wastewater with various anaerobic reactors (Invited speaker)</p>
13:50-14:05	<p>Dr. Goraskanth TALLAKAR, Qatar University, Qatar, Synthesis and applications of Ceria-Zirconia-silver oxides for solar thermochemical conversion of CO₂ (No. 9)</p>
14:05-14:20	<p>Dr. Yongsun JANG, Korea University, Republic of Korea Investigation of critical sludge characteristics for membrane fouling in a submerged membrane bioreactor process (No. 203)</p>
14:20-14:35	<p>Prof. Dr. Hidetoshi KURAMOCHI, Ibaraki University, Japan Understanding of the distribution behavior of organic pollutants in an anaerobic digestion of food waste (No. 212)</p>
14:35-14:50	<p>Prof. Dr. Thomas Nesakumar Jebakumar Immanuel EDISON, Yeungnam University, Republic of Korea A novel binder free electro-synthesis of hierarchical nickel sulfide nanostructures on nickel foam as a battery type electrode for hybrid-capacitors (No.175)</p>
<p>Session XI: Biomass/Waste Valorization to Materials, Fuels and Chemicals VII (Venue: Room 104, 1F, Xue Si Building) Chairperson: Prof. Dr. Arivalagan PUGAZHENDHI</p>	
10:50-11:10	<p>Prof. Dr. Arivalagan PUGAZHENDHI, Ton Duc Thang University, Vietnam Nanotechnology for biofuel generation and bioremediation (Invited speaker)</p>
11:10-11:25	<p>Prof. Dr. Sureshkumar NAGARAJAN, VIT University, India Monitoring inland water quality using sensors (Invited speaker)</p>
11:25-11:40	<p>Mr. Wei-Cheng LAI, Feng Chia University, Taiwan Biomethane production from pretreated kitchen waste using aerobic fermentation (No. 261)</p>
11:40-11:55	<p>Mr. Feng-Jen CHU, National Yunlin University of Science and Technology, Taiwan Effects of magnetic field on electricity generation in a photosynthetic ceramic microbial fuel cell (No. 138)</p>
11:55-13:30	<p>Lunch (Venue: 1F, Xue Si Building)</p>
<p>Session XII: Biomass/Waste Valorization to Materials, Fuels and Chemicals VIII (Venue: Room 104, 1F, Xue Si Building) Chairperson: Asst. Prof. Dr. Vinoth Kumar PONNUSAMY</p>	
13:30-13:50	<p>Asst. Prof. Dr. Vinoth Kumar PONNUSAMY, Kaohsiung Medical University, Taiwan Rapid microextraction techniques coupled with LC-MS/MS for environmental samples analysis (Invited speaker)</p>
13:50-14:05	<p>Assoc. Prof. Dr. Gopinath, VIT University, India Role of Data Science in resource management (invited speaker)</p>
14:05-14:20	<p>Dr. Hanwoong KIM, Ulsan National Institute of Science & Technology, Republic of Korea Potential of human urine as a solvent for biogas upgrading (No. 51)</p>
14:20-14:35	<p>Ms. Nathada NGAMSIDHIPHONGSA, Chulalongkorn University, Thailand Optimization of an Imbert downdraft biomass gasifier for low-tar gas production using CFD modeling (No. 132)</p>

14:35-14:50	Dr. Tamás RÓZSENBERSZKI , University of Pannonia, Hungary Itaconic acid separation by bipolar membrane electro dialysis (No. 81)
14:50-15:05	Dr. Santi CHUETOR , King Mongkut's University of Technology North Bangkok, Thailand Assessment on energy efficiency and waste generation of combined semi-humid chemo-mechanical pretreatment of sugarcane bagasse (No. 184)
15:05-15:20	Dr. Yaakov ANKER , Ariel University, Israel New approach in indigenous charcoal production and in lignocellulose waste processing (No. 139)
19 th Oct 10:30 - 20 th Oct 12:00	Posters and Virtual session E-posters will be presented in TV screens and displayed in sequence (Venue: Breezeway, 1F, Xue Si Building)
18:30-20:30	Closing Ceremony & Gala Dinner (Venue: In Sky Hotel, 9F)

Date	Monday, 21st October
8:00-17:00	Bioenergy on-site Visiting (NTD1,500 per person, register and complete your payment online via: https://payment.icaf-e.com/visit.php or on-site before local time 12 noon on October 19 th , 2019)