

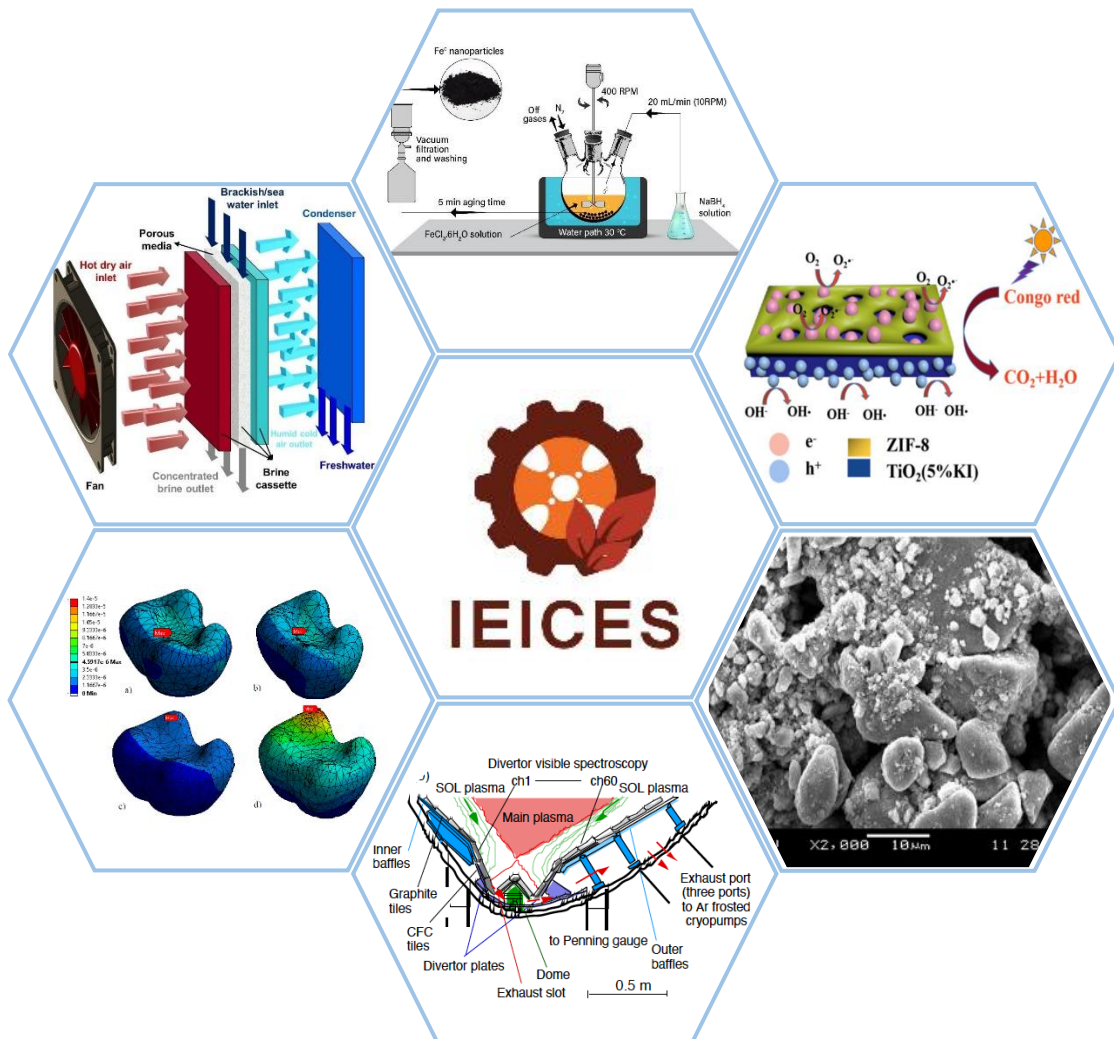


# KYUSHU UNIVERSITY

## 8<sup>th</sup> International Exchange and Innovation Conference on Engineering & Sciences (IEICES) 2022

October 20 & 21, 2022

### Conference Program



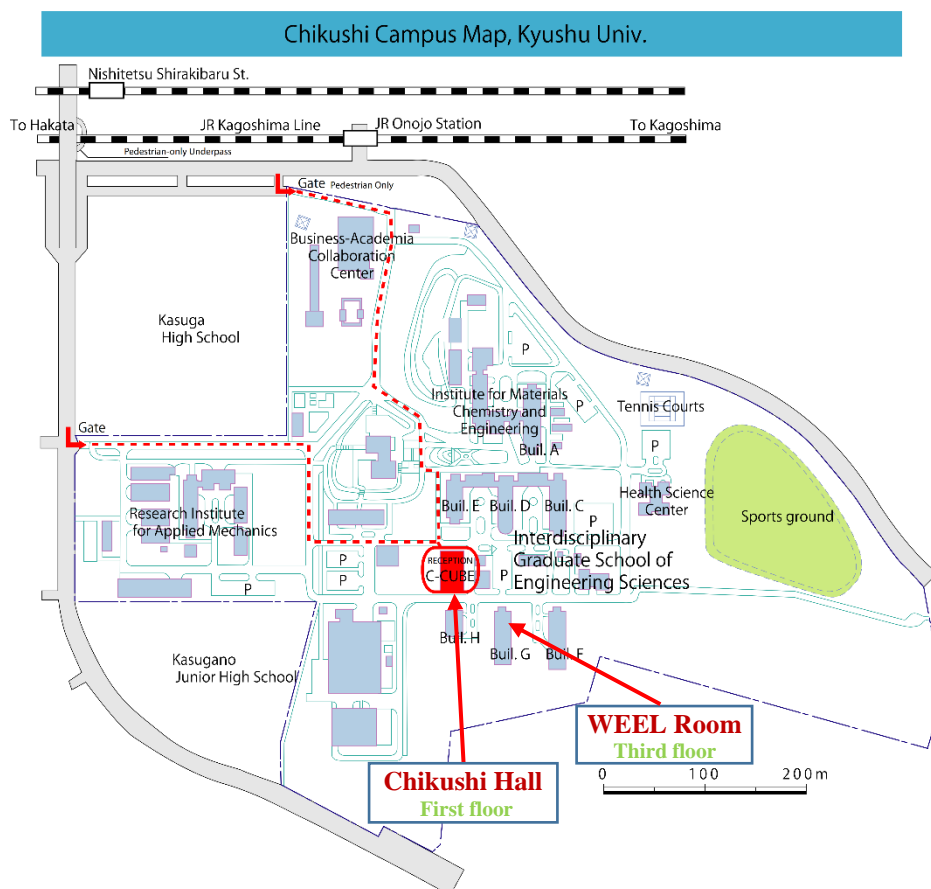
6-1 Kasuga-koen, Kasuga, Fukuoka, 816-8580, Japan

# 8<sup>th</sup> International Exchange and Innovation Conference on Engineering & Sciences (IEICES) 2022

October 20 & 21, 2022

❖ *The conference program time follows Japan Standard Time (JST)*

## Venue information for physical participants



Chikushi Campus, Kyushu University, 6-1 Kasuga-koen, Kasuga, Fukuoka, 816-8580, Japan.

09:30	10:00	Registration (Lobby, C-Cube Building)
10:00	10:05	Welcome Speech: Assoc. Prof. Osama Eljamal
10:05	10:20	Open Remark and Introduction of IGSES
10:20	10:40	Photo Session and Coffee Break

## Venue

## Keynote Session K1 (Chikushi Hall)

Session Chair Assoc. Prof. Hooman Farzaneh

Co-chair Mohamed Suliman

10:40	11:50	<b>Title: Vascular materials: Predicting Design Evolution</b> <i>Speaker: Distinguished Prof. Adrian Bejan</i> , Mechanical Engineering, Duke University, USA
11:50	12:20	<b>Title: Wind Engineering Research Trend in Malaysia</b> <i>Speaker: Assoc. Prof. Azli Abd Razak</i> , Wind Engineering and Building Physic Research Group, School of Mechanical Engineering, College of Engineering, Universiti Teknologi MARA, Selangor, Malaysia

12:20 13:40

## Lunch Break

## Session 1

Venue	Chikushi Hall	WEEL Room
Session Chair	Khan Md. Mamun-Ur- Rashid	Leila Mahmoudi
Co-chair	Pakkapawn Prapan	Kalbekov Alimzhan
13:40	13:50	<b>Analysis of the different maximum power point tracking strategies in a load-connected photovoltaic system</b> Zhao Yuhan and Hooman Farzaneh, Kyushu University, Japan.
13:40	13:50	<b>A Mini-Review on Transportation and Fate of Silver Nanoparticles Released from Consumer Products: Ecological Risk Assessments</b> Islam M. Radwan and Osama Eljamal, Kyushu University, Japan
13:50	14:00	<b>Off Grid Solar PV System Sizing for A Typical East African Household</b> Khairul Eahsun Fahim, Hayati Yassin, LCDe Silva, Md Hasnatul Aminr, Universiti Brunei Darussalam, Brunei
13:50	14:00	<b>Effect of water matrix on ligand-assisted adsorption of ciprofloxacin from aqueous solutions by zerovalent iron nanoparticles</b> Omar Falyouna, Ibrahim Maamoun, Mohd Faizul Idham, Osama Eljamal, Kyushu University, Japan
14:00	14:10	<b>Demand Elasticity Estimation from the Japanese National Electricity Grid Considering Wholesale Market Price</b> Mohamed Saad Suliman and Hooman Farzaneh, Kyushu University, Japan
14:00	14:10	<b>CNT based nanomaterials for food industry: a review</b> Kristi Priya Choudhury, Tahzib Ibrahim Protik, Newton Neogi, Sabbir Hossain Nipu, Shahjalal University of Science and Technology, Bangladesh
14:10	14:20	<b>Techno-Economic Analysis of on Grid PV Power System for Vocational Training Institute Baluchistan, Pakistan to Reduce the Cost of Energy and CO<sub>2</sub> emissions</b> Nabeel Ul Rehman, Hooman Farazaneh, Kyushu University, Japan
14:10	14:20	<b>Silver Nanoparticles Formation and characterisation of Jatropha integerrima and LC/MS-QTOF-Based Metabolite Profiling</b> Rasha Saad Suliman, Sahar Saleh Alghamdi Afrah E. Mohammed et al., Department of Pharmacy, Fatima College of Health Sciences, Al Ain, United Arab Emirates
14:20	14:30	<b>Modeling and prediction of the achievement level with related goals for SDG 11: Sustainable Cities and Communities</b> Venkatesh Baskaran, R Velkennedy, S Murugan, Ga Theerumalai, Government College of Engineering, India
14:20	14:30	<b>Mixed convection flow and heat transfer of Biomagnetic fluid with magnetic/non-magnetic particles due to a stretched cylinder in the presence of a magnetic dipole</b> Jahangir Alam, M.G. Murtaza, E.E. Tzirtzilakis, M. Ferdows, University of Dhaka, Bangladesh
14:30	14:40	<b>Estimating Ground Elevation: A Case of Metro Manila, Philippines</b> Joanel Galupino and Jonathan Dungca, De La Salle University, Philippines
14:30	14:40	<b>An entirely solar-powered hybrid thermal-membrane desalination system integrated with Solar heaters and preheating technique</b> Swellam W. Sharshir, Mahmoud Seif Eldin1, A. E. Kabeel, Mofreh H. Hamed, H.F. Abosheisha, A. W. Kandeal, Faculty of Engineering, Kafrelsheikh University, Egypt

14:40	14:50	<b>Environmental and Economical Evaluation of Natural Gas Vehicles Promotion Program in The City of Baghdad</b> Rudha Khudhair, Kyushu University, Japan	<b>Simulation Study on the Wet-bulb Humidification-Dehumidification Cycle for Desalination</b> Hafiz Muhammad Asfahan, Muhammad Sultan, Bahauddin Zakariya University, Pakistan
14:50	15:00	<b>Comparison of prioritization of pedestrianization warrants among transport professionals- an initial assessment in Metro Manila</b> Paolo Ian Lucero, Gyan Louie Gloriani, Fernando Miguel Lozano, Janine Lois Molina, Miguel Lorenzo Ondevilla, De La Salle University, Philippines.	<b>Design and Development of Solar Dryer for Local Seaweeds (<i>Kappaphycus spp.</i>)</b> Jack O. Bertulfo, Alvie A. Roluna, Joey G. Carillo, Lord Boy C. Silong, Caraga State University, Philippines
15:00	15:10	<b>The RFID Electronic Tag Defect Detection System Based on YOLOv5 For Industrial Scenarios</b> Jingyu Zhou, Zhaodong Ding, Guanghui Du, Shuangshuang Zhao, Tetsuya Furukawa, Ke Lu, Anhui University of Technology, China	<b>Assessment of the Physical and Mechanical Properties of Indigenous Agro-Waste Materials from Southern Nigeria for the Production of Composite Particleboards for Sustainable Building Materials</b> Pamilerin Sanni, Babatunde Olatunbosun, Godwin Anukan, Sylvanus Udoh, Hafeez Salisu, Federal University of Technology Akure, Nigeria

**15:10 15:30**

**Coffee Break**

*Venue*

**Keynote Session K2 (Chikushi Hall)**

*Session Chair* **Ayas Shaqour**

*Co-chair* **Zehua SI**

15:30 16:00 **Title: Microgrid Protection: Heading off Its Complexities**  
*Speaker: Assoc. Prof. Mohammad Lutfi Othman*, Electrical Power Engineering  
Universiti Putra Malaysia, Malaysia

16:00 16:30 **Title: Unknown of Recycling for Innovative Solutions**  
*Speaker: Assoc. Professor İbrahim BİLİCİ*, Chemical Engineering, Hitit University, Turkey

**16:30 16:50**

**Coffee Break**

**Session 2**

<i>Venue</i>	<b>Chikushi Hall</b>	<b>WEEL Room</b>
<i>Session Chair</i>	<b>Butt Sannan Salabat</b>	<b>Elsayed Abdelhameed</b>
<i>Co-chair</i>	<b>Wang Yunfei</b>	<b>Kalbekov Alimzhan</b>
16:50 17:00	<b>The Geyser Type Mud Volcano Eruption in Sidoarjo, East Java Indonesia</b> Adjat Sudradjat, Ildrem Syafri, M. Burhannudinnur, Karyono, Padjadjaran University, Indonesia	<b>Comparative study of micro hydro model systems for powering the sub-village of Tulaun Lalumpe Minahasa of North Sulawesi province, Indonesia</b> Meita Rumbayan, Rilya Rumbayan, Christy Pasiowan, Stefi Elkana, Sam Ratulangi University, Indonesia
17:00 17:10	<b>Performance Measurement using DEA-Multipliers Method: A Case Study of Clean Water Companies in Indonesia</b> Erni Puspanantasari Putri, Universitas 17 Agustus 1945 Surabaya, Indonesia	<b>Advances with Metal Organic Framework based nanomaterials in 4<sup>th</sup> industrial revolution</b> Sabbir Hossain Nipu, Newton Neogi, Kristi Priya Choudhury, Shahjalal University of Science and Technology, Bangladesh
17:10 17:20	<b>Energy Harvesting from Highway Traffic Vehicles Movement via VAWT</b> Shoel Rana, Biplob Roy, Bidyut Baran Saha, Sampad Ghosh, Chittagong University of Engineering and Technology, Bangladesh	<b>Multi-Classification of Brain MRI Tumor Using ConVGXNet, ConResXNet, and ConIncXNet</b> Hafiza Akter Munira and Md. Saiful Islam, Chittagong University of Engineering and Technology, Bangladesh
17:20 17:30	<b>The Effects of Rubber Keys' Structure and its Packaging Tape on Automatic Assembly of Rubber Key in PCB Holes</b> Md Saiful Islam and Xiaosong MA, Guilin University of Electronic Technology, Bangladesh	<b>Characterization of Mechanized Farming Operations in Butuan City, Philippines</b> Neil Caesar M. Tado and Reza S. Bautista, Caraga State University, Philippines

17:30	17:40	<b>Mathematical Modelling and Thin-Layer Drying of Sago Starch Using Infrared Dryer</b> Jack O. Bertulfo, Pia Threcia Marie B. Butao, Jona M. Sordilla, Caraga State University, Philippines	<b>Development and Characterization of Briquettes made from Unsalable Banana Peel Wastes: A Preliminary Evaluation</b> Kenneth N. Sindol, Andrea Suzette T. Gadat, Joan Jane J. Sanchez, Philip Donald C. Sanchez, College of Engineering and Geosciences, Philippines
17:40	17:50	<b>Evaluate the possibility of adsorption heat pump application using Activate Carbon and Freon refrigerant pairs</b> Seo Sang won, Frantisek Miksik, Kyaw Thu, Miyazaki Takahiko, Kyushu University, Japan	<b>Numerical Simulation of Highly Efficient Lead-free MAgel<sub>3</sub> Based Perovskite Solar Cell for Various ETL and HTL Layers</b> Farjana Akter Jhuma, Mohammad Junaebur Rashid, Sharnali Islam, Kyushu University, Japan
17:50	18:00	<b>Investigating vaccination behavior and disease dynamics of a time-delayed two strain epidemic model: An evolutionary approach</b> Md. Mamun-Ur-Rashid Khan, Md. Rajib Arefin, Jun Tanimoto, Kyushu University, Japan	<b>Study on prefabrication method for housing in Indonesia by utilization undegradable waste for building materials</b> Siswanti Zuraida, Bart Dewancker, Romi Bramantyo Margono, Muhammad Arief Irfan, Anjar Primasetra, University of Kitakyushu, Japan
<b>18:00</b>	<b>18:10</b>	<b>Closing Remarks</b>	

## Second Day

Oct. 21<sup>st</sup> (Friday)

<i>Venue</i>		<b>Keynote Session K3 (Chikushi Hall)</b>	
<i>Session Chair</i>		<i>Mohamed Suliman</i>	
<i>Co-chair</i>		<i>Mojtaba Purjam</i>	
10:00	10:30	<b>Title: Opportunities to exploit stored energy in wastewater</b> <i>Speaker: Assoc. Prof. Osama Eljamal</i> , Environmental Engineering, Water and Environmental Engineering Laboratory, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University	
<b>10:30</b>	<b>10:50</b>	<b>Coffee Break</b>	
<b>Session 3</b>			
<i>Venue</i>		<b>Chikushi Hall</b>	<b>WEEL Room</b>
<i>Session Chair</i>		<i>Mutebi denis</i>	<i>Nguyen Dang Khoa</i>
<i>Co-chair</i>		<i>Seo Sang Won</i>	<i>Leila Mahmoudi</i>
10:50	11:00	<b>Linear stability analysis of an improved car-following model considering vehicle's inertia effect</b> Zehua Si, Md. Anowar Hossain, Jun Tanimoto, Kyushu University, Japan	<b>Guiding center orbit simulation of energetic particles in tokamak plasma</b> Yunfei Wang, Kazuaki Hanada, Youjun Hu, Kaiyang He, Haiqing Liu, Jinping Qian, Xiang Gao, and Yinxian Jie, Kyushu University, Japan
11:00	11:10	<b>LEED I(E) analysis of pseudomorphic Fe (111) on Ru (0001) surface and oxygen adsorption structure</b> Dhiman Banik, Yuka Nagamatsu, Tomoya Jimba and Takeshi Nakagawa, Kyushu University, Japan	<b>Evaluating the Social and Psychological Factors about the Public Acceptance of Treated Wastewater Reuse: A Review</b> Bipasha Singha and Osama Eljamal, Kyushu University, Japan
11:10	11:20	<b>An investigation on the behavior of the torch flame in the LBGE combustion process</b> Elsayed Abdelhameed and Hiroshi Tashima, Kyushu University, Japan	<b>Recent advances in reinforcement learning applications for building energy management: a mini review</b> Ayas Shaqour and Aya Hagishima, Kyushu University, Japan
11:20	11:30	<b>Low Emission Scenarios Analysis in the Urban Transportation in Dhaka, Bangladesh</b> Farhana Nur Rahman, Homman Farzaneh, Kyushu University, Japan	<b>Application of Organic Photodetectors (OPD) in Photoplethysmography (PPG) Sensors: A small review</b> Farjana Akter Jhuma, Reiji Hattori, Kyushu University, Japan

11:30	11:40	<b>The Study of Cyclist Body Posture Via CFD Simulation</b> M. H. M. Noh, M. A. Abdullah, A. H. A. Hamid, Universiti Teknologi MARA, Malaysia	<b>Development of Artificial Nose for Tumor Patient using 3D Printing Technology</b> Abdul Halim Abdullah, Nazira Bolhassan, Muhammad Hazli Mazlan, Abdul Rahim Bahari, Shahrul Hisyam Marwan, Universiti Teknologi MARA, Malaysia
11:40	11:50	<b>Topology Optimization for Transtibial Socket Prosthetic Leg</b> Mohd Hazwan Mohamed Norli, Muhammad Shafiq Rusyaidi, Jamaluddin Mahmud, Abdul Halim Abdullah, Jabatan Kejuruteraan Mekanikal, Malaysia.	<b>Parametric analysis of a counter-flow dew point evaporative cooler</b> Lao Marco, Kyaw Thu, Takahiko Miyazaki, Kyushu University, Japan
11:50	12:00	<b>Development of a Shoulder Disarticulation Cosmetic Arm Prosthesis</b> Muhammad Firas Zulkifli, Natiara Mohamad Hashim, Muhammad Hanif Ramlee, Abdul Halim Abdullah	<b>Preliminary Design and Aerodynamic Performance Analysis of High-Lift Low Reynolds Number Airfoils</b> Ahmad Hussein Abdul Hamid, Firdaus Mohamad, Mohd Hafiz Mohd Noh, Rizal Effendy Mohd Nasir, Mohd Azan Mohammed Sapardi, Universiti Teknologi MARA, Malaysia
12:00	12:10	<b>Finite Element Analysis of Dental Adhesive for Four Classes of Direct Restoration</b> Haszeme Abu Kasim, Ahmad Bazli Saari, Abdul Halim Abdullah, Shahrul Hisyam Marwan, Universiti Teknologi MARA, Malaysia	<b>Development of Life-Size Flexible Jig for Handheld 3D Scanner</b> Mohamad Hannan Yusof, Ahmad Hussein Abdul Hamid, Mohd Hafiz Mohd Noh, Helmi Rashid, Mohammad Azeeb Mazlan, Abdul Halim Abdullah, Universiti Teknologi MARA, Malaysia
12:10	12:20	<b>A mini overview of miscellaneous uses of TiO<sub>2</sub> based nanomaterials</b> Kristi Priya Choudhury, Newton Neogi, Sabbir Hossain Nipu, Tahzib Ibrahim Protik, Shahjalal University of Science and Technology, Sylhet, Bangladesh	<b>Application of Computational Fluid Dynamics in Examining the Filtration Efficacy of Fine and Coarse Particles in a Baffle Integrated-Vertical Ventilation Duct</b> Chau Hoang Bao, Le Tan Dat, Nguyen Dang Khoa, Hua Minh Quang, Tran Huynh Chieu, Nguyen Lu Phuong, University of Natural Resources and Environment, Vietnam.
<b>12:20 13:40</b>		<b>Lunch Break</b>	
<i>Venue</i>		<b>Keynote Session K4 (Chikushi Hall)</b>	
<i>Session Chair</i>		<i>Elsayed Abdelhameed</i>	
<i>Co-chair</i>		<i>Butt Sannan Salabat</i>	
13:40	14:10	<b>Title: Mechanical properties of Concrete with Partial Replacements of Cement by Paper Ash of Cement Pocket Waste and Silica Fume</b> <i>Speaker: Assoc. Prof. Mustafa M. Altayeb</i> , Civil Engineering, University of Palestine, Gaza Strip, Palestine	
14:10	14:40	<b>Title: Reverse Osmosis Desalination Systems Powered by Renewable Energy: Preheating Techniques and Brine Disposal Challenges</b> <i>Speaker: Assoc. Prof. Swellam W. Sharshir</i> , Mechanical Engineering department, Faculty of Engineering, Kafrelsheikh University, Egypt	
<b>14:40 15:00</b>		<b>Coffee Break</b>	
<b>Session 4</b>			
<i>Venue</i>		<b>Chikushi Hall</b>	<b>WEEL Room</b>
<i>Session Chair</i>		<i>Mohamed Suliman</i>	<i>Wang Yunfei</i>
<i>Co-chair</i>		<i>Pepe Haoulomou</i>	<i>Ayas Shaqour</i>
15:00	15:10	<b>Occupant's thermal preference diversity in residential air-conditioning use: A study in Osaka, Japan</b> Jiajun Lyu, Aya Hagishima, Kyushu University, Japan	<b>A Mini Review of Organically Bound Tritium in The Environment</b> Portuphy Michael Ofotsu, Katayama Kazunari, Kyushu University, Japan.

15:10	15:20	<b>Measurement of Interfacial Thermal Resistance at Microstructured Si–water Interface Using Steady State Method</b> Yankun Yu, Gyoko Nagayama, Kyushu Institute of Technology, Japan	<b>Properties of ZnO and Zn Nanoparticles Produced by Electrical Discharge in Liquid Method</b> Alimzhan Kalbekov, Emil Omurzak, Kyushu University, Japan
15:20	15:30	<b>Thermodynamic Analysis and Optimization of Helium Ericsson Power Cycle: A Novel Model for Pseudo-isothermal Compression and Expansion</b> Mojtaba Purjam, Kyaw Thu, Takahiko Miyazaki, Kyushu University, Japan	<b>Antibiotics Removal from Aqueous Environments: A Mini Review on Graphene Oxide-based Nanomaterials Application</b> Mohd Faizul Idhama, Omar Falyouna, Ramadan Eljamal, Ibrahim Maamoun, Osama Eljamal, Kyushu University, Japan.
15:30	15:40	<b>The role of coated nanoscale zero-valent iron with magnesium hydroxide in improving methane production during the anaerobic digestion of waste sludge</b> Ramadan ELjamal, Ibrahim Maamoun, Mohd Faizul Idham, Osama Eljamal	<b>Design, Fabrication, and Performance Evaluation of Village-Type Coconut (Cocos Nucifera) Coir Dust Compacting Machine</b> Art M. Dalman, Mercedith D. Bagtilay, Neil Caesar M. Tado, Caraga State University, Philippines
15:40	15:50	<b>Energy Efficiency Reality with Reference to the Residential Sector in Uganda</b> Denis Mutebi, Kyushu University, Japan	<b>Present Situations of Dust Storms in Iran for Seeking Numerical Predictions</b> Leila Mahmoudi, Naoki Ikegaya, Kyushu university, Japan.
15:50	16:00	<b>Design, Fabrication, and Performance Evaluation of Sago (Metroxylon sago Rottb.) Starch Extractor</b> Aljon E. Bocobo, Juliet R. Maureal, Anamarie P. Sajonia, Caraga State University, Japan	<b>Utilization and Evaluation of Rice Husk Ash and Coconut Shell Ash as Partial Cement Replacement for Concrete Hollow Blocks Production</b> May Rose Boston-Osoteo, Aldwin Jason B. Pontillo, Arnold G. Apdohan, Caraga State University, Philippines
16:00	16:10	<b>Co-Benefits of replacing personal motorized transport with active transportation under different scenarios in Delhi (India)</b> Tavoos Hassan Bhat and Hooman Farzaneh, Kyushu University, Fukuoka, Japan	<b>Numerical Investigation of Fine particle Transportation and Deposition in the Human Lower Airway: Impact of airflow and particle size on deposition efficiency</b> Nguyen Dang Khoa, Nguyen Lu Phuong, Kazuhide Ito, Kyushu University, Japan
16:10	16:20	<b>Analysis of glycerol in nipa (Nypa fruticans Wurmb.) Kernel extract (NKE) using high performance liquid chromatography (HPLC)</b> Mario Dario L. Berdolaga Jr., Philippine Science High School, Mimaropa Region Campus	<b>Catalytic Activity and Kinetic Studies of Core@Shell Nanostructure Cu/Zn Ferrite /Al<sub>2</sub>O<sub>3</sub>, CuO for Degradation of Para-Nitro Phenol</b> Sannan Salabat Butt, Erum Pervaiz, Kyushu University, Japan.
16:20	16:30	<b>Utilization of ZIF based nanomaterials for clean environment purposes</b> Newton Neogi, Kristi Priya Choudhury, Sabbir Hossain Nipu, Tahzib Ibrahim Protik, Shahjalal University of Science and Technology, Sylhet, Bangladesh	<b>A mini review on a study of Helium behavior for fusion reactor development</b> Pakkapawn Prapan, Kyushu University, Japan
<b>16:30 16:50</b>		<b>Coffee Break</b>	
<b>Session 5</b>			
<i>Venue</i>	<b>Chikushi Hall</b>		<b>WEEL Room</b>
<i>Session Chair</i>	<i>Pepe Haoulomou</i>		<i>Farjana Jhuma</i>
<i>Co-chair</i>	<i>Marco Lao</i>		<i>Seo Sang Won</i>
16:50	17:00	<b>A Two-model Automatic Towel Defect Detection Method Based on YOLOv5</b> Zhaodong Ding, Jingyu Zhou, Guanghui Du, Shuangshuang Zhao, Tetsuya Furukawa, Ke Lu, Anhui University of Technology, China	<b>Heat Transfer Analysis of Al<sub>2</sub>O<sub>3</sub> Nanoparticles</b> Nazim Ali, Muhammad Javaid Afzal, Farah Javaid, Shahzadi Tayyaba, Muhammad Waseem Ashraf, M. Khalid Hossain, Government Islamia Graduate College Civil Lines Lahore, Pakistan

17:00	17:10	<b>Aerodynamic Performance Study of Cooling Fans</b> Mashawar Javed Kalair, Pioneer Electric System, Gujrat, Pakistan	<b>Application of Magnetotelluric Geophysical Technique to Study the Subsurface Structural Setting in Marsa Alam, Eastern Desert, Egypt</b> Ahmed Khalil and Osama Eljamal, National Research Institute of Astronomy and Geophysics, Egypt
17:10	17:20	<b>Analysis of an Airfoil Through ANSYS Fluent</b> Muhammad Shehzad Arif, Muhammad Javaid Afzal, Farah Javaid, Shahzadi Tayyaba, Muhammad Waseem Ashraf, M. Khalid Hossain, Government Islamia Graduate College Civil Lines Lahore, Pakistan	<b>On the Multivariate Regression Modeling for Performance Prediction of Dew-point Evaporative Desalination System</b> Muhammad Imran Haider, Hafiz Muhammad Asfahan, Muhammad Sultan, Bahauddin Zakariya University, Pakistan
17:20	17:30	<b>Deep Learning-based Image Recognition for Disaster Prevention Application</b> Jye-Hwang Lo, Lee-Kuo Lin, Hung-po Cheng, Chu-Chun Hung, National Taipei University of Technology, Taiwan.	<b>The Risk Assessment Management of Disaster Prevention on Roads</b> Chun Chen, Lee-Kuo Lin, National Taipei University of Technology, Taiwan
17:30	17:40	<b>Investigation of Land Cover Change in Kahramanmaras Province (Turkey)</b> Erdi Ekren, Kahramanmaras Sutcu Imam University, Turkey.	<b>ANSYS simulation of Temperature of Cooling System in Li-ion Battery</b> Zia ul Qasmi, Muhammad Javaid Afzal, Muhammad Tariq Nadeem, Farah Javaid, et al., Government Islamia Graduate College Civil Lines Lahore, Pakistan
17:40	17:50	<b>Service area determination of fire stations in an urban setting through a GIS-based multi-criteria analysis: the case of Quezon City, Philippines</b> Chester Cruz, Tian Ruy Ong, Mathew Harvey Peralta, Institute of Civil Engineering, University of the Philippines Diliman, Philippines	<b>Catalytic Converter Simulation for Pressure and Velocity Measurement</b> Muhammad Sufian, Muhammad Javaid Afzal, Farah Javaid, Shahzadi Tayyaba, Muhammad Waseem Ashraf, M. Khalid Hossain, Government Islamia Graduate College Civil Lines Lahore, Pakistan
<b>17:50</b>	<b>18:00</b>	<b>Closing Remarks</b>	