

Session A1 | Onsite Oral | Kujiyaku

Date	Time	<p><b>B. Mechatronic and robotics Engineering / F. Computer &amp; Information Engineering / H. Industry 4.0 &amp; Automation Engineering</b>  <i>Session Chair: Prof. Yen-Ching Chang</i></p>
<p><b>04<sup>th</sup></b> <b>April</b> <b>(Thu.)</b></p>	<p>08:00   08:12</p>	<p><b>CB2413</b>  <b>On Energy Saving of Robotic Systems: An Abductive Reasoning-Based Approach</b>  <i>Ju-Feng Wu, Ming-Yang Cheng</i></p>
	<p>08:12   08:24</p>	<p><b>CB2414</b>  <b>DBSCAN-Based Minimum Enclosing Ellipse on Control Barrier Function for Safe Navigation of Mobile Robots</b>  <i>Ju-Feng Wu, Chia-Chun Huang, Ming-Yang Cheng</i></p>
	<p>08:24   08:36</p>	<p><b>CF2417</b>  <b>Generating Algorithmic Programming Questions Based on Large Language Models and Context Information</b>  <i>Hsin-Chih Ho, Yi-Hsuan Chien, Che-Wei Chang, Yu-Chen Cheng, Xin-Zhang Lai, Zih-An Lin, Yao-Chung Fan</i></p>
	<p>08:36   08:48</p>	<p><b>CF2421</b>  <b>Reducing Probability of Correct Answer Generation in Automated Multiple-Choice Question Distractor Generation</b>  <i>Wen-Chuan Hsu, Yu-Chen Cheng, Peng-Yi Lin, Hsing-Ping Liang, En-Tr Chang, Yu-Han Shi, Sin-Syuan Wu, Yao-Chung Fan</i></p>
	<p>08:48   09:00</p>	<p><b>CF2422</b>  <b>Dynamic QoS Adaptation in IEEE 802.11 Wireless Networks Through Contention Window Optimization</b>  <i>Ming-Chu Chou, Guang-Jhe Lin, Chih-Heng Ke</i></p>
	<p>09:00   09:12</p>	<p><b>CF2424</b>  <b>Enhancing Cranioplasty with Deep Learning Based on GANs and Point-Cloud Data</b>  <i>Kuei-Yuan Lai, Yen-Ching Chang</i></p>
	<p>09:12   09:24</p>	<p><b>CF2426</b>  <b>Kinetens: Tens Powered Virtual Reality Haptic Feedback Device</b>  <i>Onur Can Doğanlar, Kökten Ulaş Birant</i></p>
	<p>09:24   09:36</p>	<p><b>CF2427</b>  <b>Implementation of a Central Telemedicine System and IoT Devices Framework</b>  <i>Sarunya Kanjanawattana, Nuntawut Kaoungku, Panya Hantula, Isaman Sangbumrung, Pongsakorn Teerarassamee</i></p>
	<p>09:36   09:48</p>	<p><b>CH2411</b>  <b>Compact Embedded Devices Are Utilized for Fault Prediction in Harmonic Drive</b>  <i>Tsung-Yu Yu, Chang-Yen Lin, You-Tsung Chen, Yi-Han Deng, Nan-Kai Hsieh</i></p>

Session A2 | Onsite Oral | Kujiyaku

Date	Time	<b>A. Materials Engineering / G. Green Technology &amp; Civil Engineering</b> <i>Session Chair: Prof. Ray-Ming Lin</i>
<b>04<sup>th</sup> April (Thu.)</b>	10:15   10:27	<b>CA2415</b> <b>Indium Diffusion Controlled by Thermal Ramping and Post-Flow for Optimizing InGaN Multiple Quantum Wells</b> <i>Yu Cheng, Slawomir Prucnal, Shengqiang Zhou, Artur Erbe, Tsung-Yen Liu, Chia-Wei Chen, Ray-Ming Lin</i>
	10:27   10:39	<b>CA2414</b> <b>In-Line Measurement of Shear Viscosity for Polymers Using a Slit Rheometer</b> <i>Jian-Yu Chen, Xaing-Ping Chen, Ming-Shyan Huang</i>
	10:39   10:51	<b>CG2416</b> <b>Seismic Performance Evaluation of a Multi-Story RC Structure in Purwokerto, Indonesia: A Case Study</b> <i>Jonatan Erlangga, Yanuar Haryanto, Gandjar Pamaudji, Hsuan-Teh Hu, Fu-Pei Hsiao, Laurencius Nugroho, Chia-Chen Lin</i>
	10:51   11:03	<b>CG2423</b> <b>Study of Underground Historical Building Affect Land Use Jincheng Civil Defense Tunnel in Kinmen as an Example</b> <i>Tsung-Chiang Wu, Wei-Cheng Lu, Yi-Wen Chen, Ding-Ye Wu, Hsin-Ju Chen</i>
	11:03   11:15	<b>CG2411</b> <b>The Influence of Catalyst Type-Support and Membrane Commercial on Anion Exchange Membrane Electrolyzers Performance</b> <i>Riki Rahman, Yu-Chen Chen</i>
	11:15   11:27	<b>CG2420</b> <b>Analysis of River Dredging Cycle According to Vessel Operation Using HEC-RAS: Gyeongin Ara Waterway in Korea</b> <i>Ha-Neul Sun, Jeong-Chan Jin, Su-Min Song, Seung-Oh Lee</i>
	11:27   11:39	<b>CG2421</b> <b>Feasibility Study for Control of Saltwater Intrusion with Optimal Pumping Rate in Coastal Area Using OpenGeoSys</b> <i>Hyun-Jung Lee, Seung-Jin Maeng, Dong-Hyun Kim, Seung-Oh Lee</i>
	11:39   11:51	<b>CG2424</b> <b>A Constitutive Model for Concrete Cylinder Confined with Aramid FRP Laminates</b> <i>Yeou-Fong Li, Bo-Yu Chen, Jin-Yuan Syu, Ming-Chien Hsu</i>

Paper Award A3 | Onsite / Online Oral | Kujiyaku

Date	Time	
04 <sup>th</sup> April (Thu.)	13:00   13:15	<b>CF2411</b> <b>Using Webpage Comparison Method for Automated Web Application Testing with Reinforcement Learning</b> <i>Ci-Feng Lai, Chien-Hung Liu, Shingchern D. You</i>
	13:15   13:30	<b>CF2416</b> <b>Reversible Data Hiding Technique Based on Block Rotation Applied to Base64 Images</b> <i>Sian-Hao Weng, Yu-Chih Huang, Ming-Yu Kuo, Wen-Chung Kuo</i>
	13:30   13:45	<b>CJ2417</b> <b>The Systematic Design of Auxiliary Standing Toilet Chair</b> <i>Long-Chang Hsieh, Tzu-Hsia Chen, Po-Cheng Lai</i>
	13:45   14:00	<b>CL2412</b> <b>Effects of Air Flow Field Control in Dormitories of Senior Care Facilities on Bioaerosol Diffusion</b> <i>Chih-Hong Huang, I-Hsuan Chiang, Ching-Hsun Wang, Shih-Han Chen</i>
	14:00   14:15	<b>CO2413</b> <b>On the Study of Feasibility of Auxiliary Power System for Multi-Rotor UAV</b> <i>Yung-Lan Yeh, Hui-Pei Chang, Ya-Sheng Lin</i>
	14:15   14:30	<b>CO2415</b> <b>Analysis of the Impact for Circular Hole Opened in the Rear Chamber of Headphones on Acoustic Radiation</b> <i>Ssu-Yun Chen, Shu-Chien Wu, Tzu-Hsuan Lei, Kuang-Che Lo, Yu-Cheng Liu</i>
	14:30   14:45	<b>CO2420</b> <b>On the Study of Fire Unusual Event Under Industrial Manufacture</b> <i>Hui-Pei Chang, Yung-Lan Yeh, Chia-Yun Hsu, Guan-Yi Wang</i>
	14:45   15:00	<b>SCA2414</b> <b>Information Security Protection System for Networked OT Environments of Industrial Control in Smart Manufacturing</b> <i>Pin-Kuan Chiang, Shang-Liang Chen, Je-Chiao Ku</i>
	15:00   15:15	<b>CF2425</b> <b>Online</b> <b>Comparative Analysis of Facial Expression Recognition: Image-Based vs. Landmark-Based Approaches</b> <i>Thanawat Srikaewsiew, Sarunya Kanjanawattana</i>
	15:15   15:30	<b>CO2417</b> <b>Online</b> <b>Advanced Gallbladder Segmentation in Dynamic Ultrasound Imaging Using Fully Convolutional Networks</b> <i>You-Jie Chen, Tai-Been Chen, Wen-Hung Twan</i>
	15:30   15:45	<b>CF2428</b> <b>AI Risk Assessment Using Failure Mode and Effect Analysis (FMEA) Based on AI Incident Database</b> <i>Yunarso Anang, Lya Hulliyyatus Suadaa, Lutfi Rahmatuti Maghfiroh, Nori Wilantika, Masakazu Takahashi, Yoshimichi Watanabe</i>

**Session A4 | Onsite Oral | Kujiyaku**

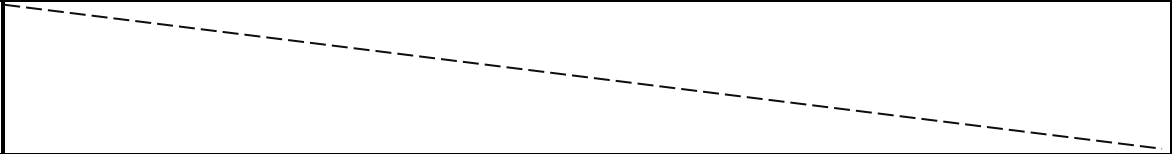
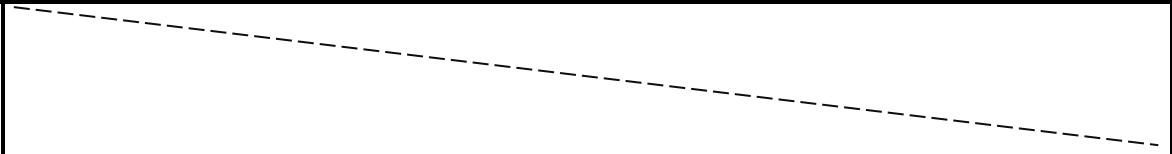
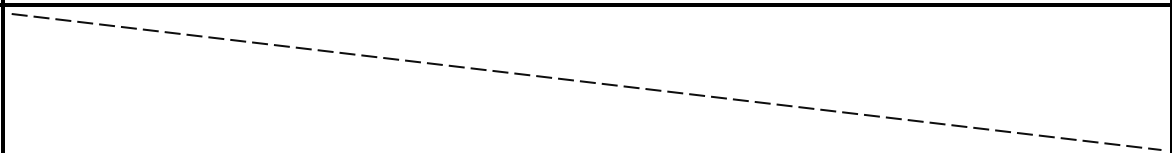
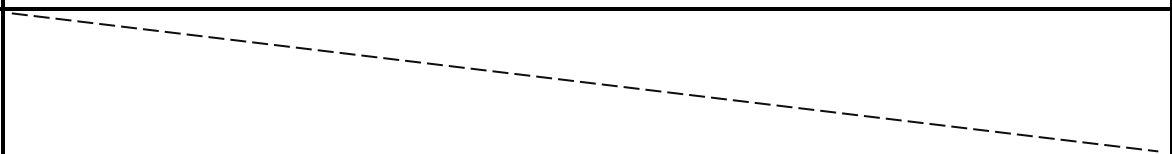
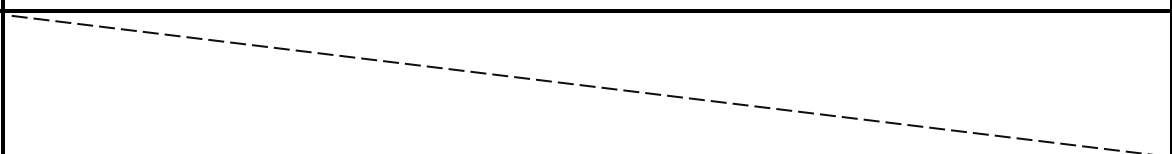
Date	Time	<p><b>E. Chemical &amp; Biomedical Engineering / J. Mechanical Engineering / N. Intelligent Computing / O. Other Engineering and Technology related topics</b></p> <p><i>Session Chair: Prof. Chih-Kuang Lin</i></p>
<p><b>05<sup>th</sup> April (Fri.)</b></p>	<p>08:00   08:12</p>	<p><b>CJ2412</b> <b>Multiscale Modelling for PCB Assembly Simulation</b> <i>Ming-Hsiao Lee, Jiunn-Horng Lee, Chih-Min Yao, Jen-Gaw Lee</i></p>
	<p>08:12   08:24</p>	<p><b>CJ2414</b> <b>Mechanical Analysis of Interference Fitting in an Air-Conditioning Compressor</b> <i>Rui-Feng Chang, Chih-Kuang Lin, Wen-Chang Tsao, Ying-Hua Chen</i></p>
	<p>08:24   08:36</p>	<p><b>CJ2423</b> <b>Numerical Study of the DLD Effect in Quartz Oscillators</b> <i>Yi-Mei Huang, Yong-Ci Liao, Nugraha Merdekawan, Shih-Yung Pao</i></p>
	<p>08:36   08:48</p>	<p><b>CJ2421</b> <b>A New Approach Employing Model-Based and Machining Learning Technique for the Identification of Rotor's Multi-Fault</b> <i>Shyh-Chin Huang, Sherina Octaviani, Mohammad Najibullah</i></p>
	<p>08:48   09:00</p>	<p><b>CE2411</b> <b>Pattern Formation in the Bulk Region of Ionic Liquid</b> <i>Tzzy-Leng Horng</i></p>
	<p>09:00   09:12</p>	<p><b>CE2416</b> <b>A Light-Weight Multiscale Self-Attention Based on Segment Anything Model for Medical Image Segmentation</b> <i>Chuang-Zhieh Tseng, Yao-Sian Huang, Chiao-Min Chen</i></p>
	<p>09:12   09:24</p>	<p><b>CE2419</b> <b>Finding New Compounds Through Bi-Enzymatic Cascade System Coupled with PDMA</b> <i>Te-Sheng Chang, Jiumn-Yih Wu, Hsiou-Yu Ding, Tzi-Yuan Wang</i></p>
	<p>09:24   09:36</p>	<p><b>CO2425</b> <b>Research on the Surveying and Updating of 1/1000 Topographic Maps Using Unmanned Aerial Vehicles</b> <i>Chi-Shen Lee, Jun-Yang Xu, Cheng-Wei Chang, Yu-Hung Shih</i></p>
	<p>09:36   09:48</p>	<p><b>CN2412</b> <b>A Knowledge Graph-Driven Intelligent Forex Trading Bot</b> <i>Sze-Hang Wong, Hei-Chia Wang</i></p>

Session A5 | Onsite Oral | Kujiyaku

Date	Time	<p><b>F. Computer &amp; Information Engineering / M. Innovation Management / CB. Advances in Vehicles and Railway Vehicle System / CF. Recent Innovations in Sustainability / CG. Recent Advances in High Entropy Alloy</b></p> <p><i>Session Chair: Prof. Hsiu-Ying Hwang</i></p>
05 <sup>th</sup> April (Fri.)	10:15   10:27	<p><b>SCB2412</b> <b>APP for Vehicle Noise Detection</b> <i>Hsiu-Ying Hwang, Kuan-I Wu, Jia-Shiun Chen</i></p>
	10:27   10:39	<p><b>SCB2413</b> <b>Innovative Design of a Vehicle Engaged with a Driven-In Wheelchair Scooter as Driver Seat</b> <i>Jia-Wei Chen, Hsiu-Ying Hwang</i></p>
	10:39   10:51	<p><b>CM2411</b> <b>Remanufacturing Strategy and Blockchain Adoption Strategy in Consideration of Consumer Privacy</b> <i>Chih-Huan Chuang, Chung-Chi Hsieh</i></p>
	10:51   11:03	<p><b>SCF2411</b> <b>BIM-Based Design Decision Process for Comprehensive Mitigation and Adaptation to Climate Action</b> <i>Shang-Yuan Chen</i></p>
	11:03   11:15	<p><b>SCG2411</b> <b>Microstructure Modification and Mechanical Properties Improvement of Lightweight Ti-Rich Medium-Entropy Alloys by Microalloying with Boron</b> <i>Po-Sung Chen, Bao-Teng Kuo, Pei-Hua Tsai, Li-In Wang, Jason Shian-Ching Jang, Chih-Yen Chen</i></p>
	11:15   11:27	<p><b>SCG2412</b> <b>Effect of Rapid Heating Rate Annealing on the Microstructure and Mechanical Properties of TiAlNbCrVZr Medium-Entropy Alloy</b> <i>Po-Sung Chen, Ting-Wei Sung, Pei-Hua Tsai, Li-In Wang, Jason Shian-Ching Jang, Chih-Yen Chen</i></p>
	11:27   11:39	<p><b>CF2418</b> <b>A Q-Learning Based Approach with Adaptive Exploration Strategy for Mobile Store Vehicle Routing Problem</b> <i>Chieh-Ju Juan</i></p>
	11:39   11:51	<p><b>CF2423</b> <b>An Empirical Analysis on Reinforcement Learning Algorithms for Stock Trading</b> <i>Leonard Christopher Limanjaya, Dae-Ki Kang</i></p>
	11:51   12:03	<p>-----</p>

Session A6 | Onsite Oral | Kujiyaku

Date	Time	<p><b>G. Green Technology &amp; Civil Engineering / J. Mechanical Engineering / CA. Best Paper Awards / CJ. Integrated Strategy for Urban Flood Prevention with DNA (Data-Network-AI) Mitigation Measures</b></p> <p><i>Session Chair: Prof. Seung-Oh Lee</i></p>
<p><b>05<sup>th</sup> April (Fri.)</b></p>	<p>13:00   13:12</p>	<p><b>SCA2413</b> <b>Chemical Bond Characteristic and Strength Activity of Geopolymer Mortar Containing Fly Ash and Chemically Pretreated Paper Mill Sludge Ash</b> <i>Andri Kusbiantoro, Amalina Hanani Ismail, Nabilah Mamat, Khairunisa Muthusamy, Yuyun Tajunnisa, Nur Achmad Husin, Mohamad Khoiri</i></p>
	<p>13:12   13:24</p>	<p><b>CJ2422</b> <b>Analysis and Experiment of Electrical Discharge Machining with a Novel Helical-tube Tool Electrode for High-Efficiency Machining and Higher Accuracy</b> <i>Albert Wen-Jeng Hsue, Chern-Rei Tarn</i></p>
	<p>13:24   13:36</p>	<p><b>CG2419</b> <b>Evaluation of Flood Risk Preparedness Capacity Using PROMETHEE Method and Network Analysis</b> <i>Su-Min Song, Hyung-Jun Park, Ha-Neul Sun, Seung-Oh Lee</i></p>
	<p>13:36   13:48</p>	<p><b>CG2422</b> <b>Review of Flood Inundation Map with of HEC-RAS 2D and FLUMEN Models for Flash Floods in Urban Areas</b> <i>Chanjin Jeong, Sun-Dong Jegal, Dong-Hyun Kim, Seung-Oh Lee</i></p>
	<p>13:48   14:00</p>	<p><b>SCJ2411</b> <b>Urban Flood Digital Twin Platform 2D/3D Visualization Technology(II)</b> <i>Bon-Hyun Koo, Tae-Young Ham, Tae-Min Jin, Gyeong-Hyeon Kim, Kyu-Cheoul Shim</i></p>
	<p>14:00   14:12</p>	<p><b>SCJ2412</b> <b>Application of Composite Flooding Simulation in Drainage Basin Units</b> <i>Eun-Taek Shin, Tae-Soo Eum, Kang-Been Kim, Dong-Hwi Kim, Chang-Geun Song</i></p>
	<p>14:12   14:24</p>	<p><b>SCJ2413</b> <b>Evaluation of Urban Resilience in Terms of Socioeconomic Cost Due to Flood</b> <i>Hyung-Jun Park, Dong-Hyun Kim, Seung-Oh Lee</i></p>
	<p>14:24   14:36</p>	<p><b>SCJ2416</b> <b>Spatio-Temporal Flooding Forecast Using Machine Learning</b> <i>Se-Dong Jang, Gwi-Un Jeong, Ji-Yun Jeon, Jae-Yong Jo, Byunghyun Kim</i></p>
	<p>14:36   14:48</p>	<p><b>SCJ2414</b> <b>Evaluation of Urban Inundation Analysis Capacity by Simplification of Storm Sewer Network at Various Grid Resolutions</b> <i>Sang-Bo Sim, Hyung-Jun Kim</i></p>
	<p>14:48   15:00</p>	<p><b>SCJ2415</b> <b>Analysis on Urban Flood Forecasting Performance Using Parallel Computing Technique</b> <i>Hyung-Jun Kim, Sang-Bo Sim</i></p>

Date	Time	<p><b>J. Mechanical Engineering / O. Other Engineering and Technology related topics / CI. Sustainable City, Architecture, Interior Design and Science</b></p> <p><i>Session Chair: Prof. May Ann R. Codera</i></p>
<b>06<sup>th</sup> April (Sat.)</b>	08:00   08:12	<p><b>CJ2415</b> <b>Electric Furnace with Air and Liquid Quenching Attachment</b> <i>May Ann R. Codera, Johnny B. Materum, Elpidio S. Virrey</i></p>
	08:12   08:24	<p><b>CJ2420</b> <b>A Numerical Model for Pressure Vessel Support Systems Design Under Varied Load Conditions</b> <i>Isaak Dassa, Konstantinos Karamitsios</i></p>
	08:24   08:36	<p><b>CO2418</b> <b>Lighting Design for Visual Comfort amid Energy Efficiency Considerations: A Case Study of Patient Room</b> <i>Samaneh Aghajari, Cheng-Chen Chen</i></p>
	08:36   08:48	<p><b>CO2426</b> <b>Development of PPED Blended Laboratory Based Learning Innovation for Embedded System Technology Education</b> <i>Surasak Inchan, Chidapha Khumchai, Somsak Akatimagool</i></p>
	08:48   09:00	<p><b>SCI2412</b> <b>Research on the Effect of Planting Design on the Thermal Comfort of Campus Sidewalk in Tunghai University, Taiwan</b> <i>Pei-Ling Wu, Szu-Jin Wu</i></p>
	09:00   09:12	
	09:12   09:24	
	09:24   09:36	
	09:36   09:48	
	09:48   10:00	

Poster C1 | Onsite Poster | Foyer 4F

Date	Time	No.	Session Chair: Tz-Yun Chen
04 <sup>th</sup> April (Thu.)	08:00   10:00	1	<b>CA2413</b> <b>Mechanical Properties of Carbon Fiber/Epoxy Resin Composite Laminates Reinforced with Carbon Nanopaper Derived from Regenerated Carbon Fibers</b> <i>Ming-Yuan Shen, Jui-Chieh Kung</i>
		2	<b>CA2416</b> <b>The Effects of Addition Elements on the Mechanical Properties and Microstructural Evolution of AlCrFeNiTi Based High-Entropy Alloys</b> <i>Wen-Nan Wang, Ching-Li Hsieh, Tao-Hsing Chen</i>
		3	<b>CE2415</b> <b>Advancing Multiple Myeloma Detection Through Functional Film Surface-Modified Chips</b> <i>Yu-Hsiang Tang, Tsung-Tao Huang, Chun-Chiang Huang, Jun-Sheng Wang, Ming-Hua Shiao</i>
		4	<b>CE2412</b> <b>A Study on Tumor Positioning via a Lung Phantom for Applications in Radiation Therapy</b> <i>Ai-Ho Liao, Bo-Wei Huang, Ho-Chiao Chuang</i>
		5	<b>CE2413</b> <b>Develop of Conductive Organic Polymer Coatings with Anti-Adhesion and High-Sensitivity Applied to Specific Detection of Tumor Chips</b> <i>Tsung-Tao Huang, Yu-Hsiang Tang, Ming-Hua Shiao, Chia-Wei Chang, Yen-Pei Lu, Jheng-Fong Jhong</i>
		6	<b>CB2412</b> <b>Experimental Validation of Energy Consumption Model of an Industrial Robotic Arm</b> <i>Jin-Siang Shaw, Yu-Kang Chang</i>
		7	<b>CK2411</b> <b>Synergistic Effect Evaluation of Adding Hybrid Carbon-Reinforcements in the Matrices to Improve the Post-Impact Tensile Fatigue Strength of Carbon/Epoxy Composites</b> <i>Yi-Ming Jen, Hsiang-Hua Liu</i>



Poster C2 | Onsite Poster | Foyer 4F

Date	Time	No.	Session Chair: Tz-Yun Chen
04 <sup>th</sup> April (Thu.)	10:15   12:03	1	<b>CH2412</b> <b>On a Novel Tensegrity-Based Rotational Vibratory Platform</b> <i>Wen-Hsiang Hsieh, Chen-Ji Pan</i>
		2	<b>CJ2413</b> <b>Influence of Corrugated Rail on the Fatigue Life of Rail Fastening</b> <i>Yung-Chuan Chen, Li-Wen Chen, Wei-Hua Lu, Yao-Nan Wang, Han-Hsiang Chen</i>
		3	<b>CJ2416</b> <b>Development of a Pump-Type Fine Bubbles Generator</b> <i>Hao-Wei Du, Pei-Hsing Huang, Po-Chien Hsu, Chia-Lung Kuo</i>
		4	<b>CJ2418</b> <b>The Structural Analysis and Mold Flow Analysis for Critical Components of Redox Flow Batteries</b> <i>Cheng-Hsien Kuo, Shang-Ching Chaung, Jyun-Jih Liao, Yao-Ming Wang, Ching-Wen Tseng</i>
		5	<b>CJ2419</b> <b>Design and Characteristic Analysis of 3D Printing Finger-Gloved Conductive Composite Substrate for Rehabilitation Care Strain Sensor</b> <i>Zhao-Chi Chen, Yu-Jen Liou</i>
		6	<b>CJ2428</b> <b>Experimental Study of a Tensegrity-Based Vibratory Platform Driven by Cam Mechanisms</b> <i>Wen-Hsiang Hsieh, Hukamasidhi Yoel</i>
		7	<b>CE2420</b> <b>Interface Pressure and Comfort Evaluation of an Innovative Pressure Relief Cushion</b> <i>Chun-Ting Li, Guo-Jui Chen, Yen-Nien Chen</i>
		8	<b>CF2419</b> <b>Development of Mobile App to Promote Kenrokuen Revisits Using Gamification</b> <i>Satoshi Futakuchi, Yuta Motoji, Hidetaka Nambo, Takashi Oyabu</i>

Poster C4 | Onsite Poster | Foyer 4F

Date	Time	No.	<i>Session Chair: Tz-Yun Chen</i>
05 <sup>th</sup> April (Fri.)	08:00   10:00	1	<b>CF2429</b> <b>Interactive Learning Mobile Application Development: The Case Context of Network Installation</b> <i>Fu-Hsiang Wen, Tienhua Wu, Guan-Han Tao, Ting-Wei Hsu</i>
		2	<b>CE2414</b> <b>Ultrasound Alleviates DSS-Induced Intestinal Inflammation and Behavioral Deficits</b> <i>Shu-Ming Chang, Ting-Rui Zhang, Yu-Chen Lin, Feng-Yi Yang</i>
		3	<b>CL2415</b> <b>Utilizing Waste Recycling for the Preparation of Eco-Adsorbents</b> <i>Kae-Long Lin, Ya-Wen Lin, Yan-Yu Lin</i>
		4	<b>CO2422</b> <b>Research on Integrating 3D Digital Technology to Simulate Underground Historical Site Safety Detection</b> <i>Tsung-Chiang Wu, Cheng-Wei Chang</i>
		5	<b>CO2424</b> <b>A Novel Sampling Technology for Verifying Product Reliability</b> <i>To-Cheng Wang, Yu-Chen Liu, Zhang-Kai Huang</i>
		6	<b>CG2426</b> <b>2D and 3D Coastal City Flood Analysis Considering Extreme Conditions and Climate Change</b> <i>Jaehwan Yoo, Se Dong Jang, Jo Hyeon Tak, Jo Jaeryun, Byunghyun Kim</i>

Poster C5 | Onsite Poster | Foyer 4F

Date	Time	No.	Session Chair: Tz-Yun Chen
05 <sup>th</sup> April (Fri.)	10:15   12:03	1	<b>SCB2411</b> <b>New Motion in a New Age: A Perspective from the Railway Poster Artist, Anna Katrina Zinkeisen</b> <i>Hsin-Yi Wu</i>
		2	<b>SCB2414</b> <b>Real-Time Operation Monitoring System for Railway Vehicles</b> <i>Yaojung Shiao, Chun-Po Wang</i>
		3	<b>SCB2415</b> <b>Enhancement of Learning Interest of Computer Programming by Virtual Reality</b> <i>Meiling Jow, Yaojung Shiao</i>
		4	<b>SCB2416</b> <b>Influence of Couplers on Narrow Gauge Train</b> <i>Cheng-Hao Huang, Yu-Zhi Liu, Wu-Pin Hsuan, Yan-Yu Chang</i>
		5	<b>SCB2417</b> <b>The Impact of Various Parameters on the Contact Behavior of the Third Rail System</b> <i>Cheng-Hao Huang, Jing-Jhih Chen, Ting-Yi Tsai, Sung-Fu Chao</i>
		6	<b>SCF2413</b> <b>Intelligent Defect Detection Quality Feedback Based Inverse Optimization of Process Parameters System for Smart Manufacturing</b> <i>Chung-Chi Huang, Chung-Lin Huang, Song-Yih Lin, Bo-Yang Ding, Rong-Hsu Lin</i>
		7	<b>CO2427</b> <b>A Research on User Evaluation of Communication Toy Robots</b> <i>Hiromi Ban</i>
		8	

Poster D7 | Online Poster | Official Website

Date	Time	No.	<i>Session Chair: Tz-Yun Chen</i>
06 <sup>th</sup> April (Sat.)	08:00   10:00	1	<b>CL2411</b> <b>Metal Recovery from Spent Crystalline-Silicon Solar Cells by Using Microwave Pyrolysis and Acid Leaching</b> <i>Yu-Fong Huang, Ting-Ting Cheng, Shang-Lien Lo</i>
		2	<b>SCH2411</b> <b>Study on Temperature Compensation Methods for Monitoring Sensors Addressing Load Management Needs in the Steel Industry</b> <i>Liyuan Sun, Yaoshen He, Nan Pan, Shilong Chen, Zeming Yang</i>
		3	<b>SCH2412</b> <b>Centralized Photovoltaic Heliostat Field Layout and Optical Perception Optimization Based on Improved Dung Beetle Optimization Algorithm</b> <i>Bin Liu, Chengyu Jiang, Biguang Kong, Jiayu Wu, Junwei Yang</i>
		4	<b>SCH2413</b> <b>Study on Sensor Fault Detection Under Coupled Interaction of Electric Vehicles and Distribution Networks</b> <i>Yuan Wang, Quan Zhang, Huijie Wang, Chunfang Pan, Nuobin Zhang</i>
		5	<b>SCH2414</b> <b>Study on a Novel Power System Load Forecasting Method Based on Multi-Indicator Clustering Optimization and Sensors</b> <i>Tingjie Ba, Shuo Ding, Qi Huang, Zeming Yang, Yiming Zhang, Junwei Yang</i>