

Session A1 (6F – Yue)

Date	Time	O. Other Engineering and Technology related topics <i>Session Chair : Prof. Jian Jiao</i>
16th Nov. (Sat.)	08:00~08:15	O9001 A Deep Convolution Neural Networks Based Automated Testing Framework: Using Game Testing as a Case Study <i>Yen-Hung Chen</i>
	08:15~08:30	O9002 Analysis of the Influencing Factors of University Laboratory Safety Based on Grey Correlation <i>Lili Chen</i>
	08:30~08:45	O9012 Development of an Affordable and High-Fidelity Flight Simulation Training Device <i>Lung-Nan Wu</i>
	08:45~09:00	O9013 Performance-Threshold-Based Resilience Analysis of System-of-Systems by Considering Dynamic Reconfiguration <i>Zhiwei Chen, Tingdi Zhao, Jian Jiao</i>
	09:00~09:15	O9014 Exploring the Key Success Factors of Selecting Green Reverse Logistics Service Providers <i>Shu-Hua Taso, Lu Yang, Shih-Ming Ou</i>
	09:15~09:30	O9015 Low-Carbon Literacy among Tourism Practitioners: Scale Development and Dimensional Measurement <i>Chaojun Li, Kuo-Kuang Chang, Shih-Ming Ou</i>
	09:30~09:45	O9016 Analysis on the Competitiveness of Green Suppliers in a Supply Chain <i>Shu-Hua Taso, Wenru Chen, Shih-Ming Ou</i>
	09:45~10:00	O9019 Man-Machine System Modeling and Safety Analysis for Landing Process Based on SysML <i>Yuan Yuan, Jian Jiao, Hongqing Xia, Mengwei Wei</i>
	10:00~10:15	O9020 Risk Quantification and Analysis of Coupled Factors Based on DEMATEL and BN <i>Mengwei Wei, Jian Jiao, Yuan Yuan, Tingdi Zhao</i>



Session B1 (7F - Analects of Confucius)

Date	Time	SY. Recent Advances in Surveying and Geomatics Engineering <i>Session Chair : Prof. Dong-Ha Lee ; Prof. Myeong-Hun Jeong</i>
16th Nov. (Sat.)	08:00~08:15	SY9001 Visual Odometry Implementation and Accuracy Evaluation Based on RTAB-MAP <i>Bo Hu, He Huang</i>
	08:15~08:30	SY9002 An Improved Quick Camera Calibration Method for Image Measurement System <i>Yizhou Xue, He Huang, Dean Luo</i>
	08:30~08:45	SY9003 Spatiotemporal Changes of Riverbed and Surrounding Environment in Beijing Section of Yongding River during the Past Half Century <i>Ran Pang, He Huang, Tri Dev Acharya</i>
	08:45~09:00	SY9007 A Study on the Implementation of Digital Twin Outdoor Based on UAV <i>Yoon-Seuk Oh, Jung-Ok Kim, Seong-Jin Park, Jae-Kang Lee</i>
	09:00~09:15	SY9010 Real-Time Prediction Modeling for Filtration Process Control of Water Treatment Process <i>Sang-Hyuk Park, Jin-Woo Cho</i>
	09:15~09:30	SY9015 A Study on Debris Flow Hazard Mapping Method Using SINMAP and FLO-2D Model <i>Tae-Yun Kim, Hong-Sik Yun, Seung-Jun Lee</i>
	09:30~09:45	SY9016 Efficient Data Depth Clustering Algorithm with Spark <i>Myeong-Hun Jeong, Tae-Young Lee, Dong-Ha Lee</i>
	09:45~10:00	SY9017 Vessel Trajectory Reconstruction Based on the Data Depth of Automatic Identification System Data <i>Myeong-Hun Jeong, Seung-Bae Jeon, Dong-Ha Lee</i>
	10:00~10:15	SY9019 Spectral Response of Landsat OLI Bands for Different Water Bodies in Nepal <i>Tri Dev Acharya, He Huang, Hyung-Joon Kim, Kwan-Sik Min, Dong-Ha Lee</i>

Session C1 (7F – Mencius)

Date	Time	<p>A. Materials Engineering ; F. Computer & Information Engineering ; TA. Civil & Structure Engineering ; TC. Recent Advances in Artificial Intelligence and Internet of Things</p> <p><i>Session Chair : Prof. Sergey Shevtsov ; Dr. Florentina Pungky Pramesti</i></p>
16 th Nov. (Sat.)	08:00~08:15	<p>F9016 A Detection Platform for iOS Applications <i>Zhen-Yu Qiu, Wen-Chung Kuo, Chun-Cheng Wang</i></p>
	08:15~08:30	<p>A9008 On the Directivity of Lamb Waves Generated by the Wedge PZT Actuator in Thin CFRP Panel <i>Maria Shevtsova, Evgenia Kirillova, Evgeny Rozhkov, Shun-Hsyung Chang, Jiing-Kae Wu, Valery Chebanenko, Sergey Shevtsov</i></p>
	08:30~08:45	<p>STC9001 Human Activity Recognition Using Deep-Learning LSTM Networks for Wearable Devices <i>Yeong-Lin Lai, Cheng-Hsien Chen</i></p>
	08:45~09:00	<p>A9011 Evaluating Asphalt Fatigue Failure by means of Dynamic Stress Controlled Test <i>Florentina Pungky Pramesti, Han Aylie, Ary Setyawan</i></p>
	09:00~09:15	<p>A9013 The Precision Measurement of Drilling Depth in Surgical Operation <i>Gan Cheng, Fangyi You</i></p>
	09:15~09:30	<p>H9001 Resin Infusion Process for Large CFRP Panel: Experiment and FE Simulation <i>Jyun-Ping Huang, Shun-Hsiung Chang, Igor Zhilyaev, Ilya Tarasov, Sergey Shevtsov, Natalia Snezhina</i></p>
	09:30~09:45	<p>STC9002 Intelligent Blockchain IoT Systems <i>Yeong-Lin Lai, Chin-We Huang, Kai-Han Yang</i></p>
	09:45~10:00	<p>STC9003 An Air Quality Monitoring Auto-Navigated Drone <i>Yeong-Lin Lai, Li-Cheng Lan, Chin-We Huang, Kai-Han Yang</i></p>
	10:00~10:15	<p>TA9004 An Approach to the Dynamic Measurement of Weld Toe Cyclic Strains of Cruciform Joint Using Fiber Bragg Gratings <i>Guo-Qian Wei, Shan-Shan Li, Yong-Xing Guo, Zhang Dang</i></p>



Session A2 (6F – Yue)

Date	Time	<p>B. Mechatronic and Robotics Engineering ; O. Other Engineering and Technology related topics ; SO. Recent Innovations and Applications in Imaging Technology and Fingerprint Processing</p> <p><i>Session Chair : Prof. Jia-Shing Sheu</i></p>
<p>16th Nov. (Sat.)</p>	<p>10:30~10:45</p>	<p>O9022 Vulnerability Analysis of Agricultural Products Cold Chain Logistics: A Perspective of Carbon Footprint <i>Rongxia Zhou, Shih-Ming Ou</i></p>
	<p>10:45~11:00</p>	<p>O9023 Dynamic Analysis of Co-Opetition between Fujian and Shanghai Free Trade Areas <i>Bin Chen, Shih-Ming Ou</i></p>
	<p>11:00~11:15</p>	<p>O9024 Based on Love-Lock Model to Improve Logistics Information Service Quality by Using DEMATEL <i>Bin Chen</i></p>
	<p>11:15~11:30</p>	<p>O9025 Research on the Factors Influencing Regional Tourism Cooperation: Changsha-Zhuzhou-Xiangtan Case <i>Chaojun Li, Kuo-Kuang Chang, Shih-Ming Ou</i></p>
	<p>11:30~11:45</p>	<p>O9026 Dynamic Evaluation of Tourism Resources of Seven Star Grotto National Park in Zhaoqing <i>Chaojun Li, Kuo-Kuang Chang, Shih-Ming Ou</i></p>
	<p>11:45~12:00</p>	<p>SO9002 Traffic Prediction of Long Tunnel Using CNN and LSTM <i>Ming-Chih Chou, Jia-Shing Sheu</i></p>
	<p>12:00~12:15</p>	<p>B9002 A Closed Loop Detection Method for LIDAR SLAM with Light Calibration Information <i>Yong Zeng, Qiang Wang, Yin-Kang Zou</i></p>

Session B2 (7F - Analects of Confucious)

Date	Time	<p>M. Innovation Management ; ST. Mechanism and Machine Design ; H. Industry 4.0 & Automation Engineering</p> <p><i>Session Chair : Prof. Chien-Jen Hung ; Prof. Teng-Chu Chiu</i></p>
16 th Nov. (Sat.)	10:30~10:45	<p>M9004</p> <p>Research on Intention to Use the Intelligent Household Equipment Based on TAM</p> <p><i>Chien-Jen Hung, Tsu-Hui Hung</i></p>
	10:45~11:00	<p>M9005</p> <p>The Feasibility of Study on the Interior Design Diagrams in Analyses Model Corresponding to the Open Interiors Competitive Assessment's Professional Courses</p> <p><i>Ruey-Ming Shih, Tzu-Hsuan Kuo</i></p>
	11:00~11:15	<p>M9007</p> <p>A Study on Constructing the Evaluation Index of Japanese Teachers' Foreign Language Teaching in Colleges and Universities by Fuzzy Delphi Method</p> <p><i>Tzu-Hsuan Kuo, Chien-Jen Hung, Ruey-Ming Shin, Hung-Chun Ou</i></p>
	11:15~11:30	<p>M9009</p> <p>A Comparative Study of Team Effectiveness under Different Leadership Styles in IT Services: The Mediating role of Sharing Communication and Team Commitment</p> <p><i>Teng-Chu Chiu</i></p>
	11:30~11:45	<p>M9010</p> <p>Integrating the Definition, Meaning and Realm of Humility in Leadership: Chinese and Western Perspectives</p> <p><i>Teng-Chu Chiu</i></p>
	11:45~12:00	<p>ST9006</p> <p>Three-Phase Full-Wave Rectifier Technology for Reducing Current Imbalance at Rail Traction Substation</p> <p><i>Wan-Tsun Tseng, Wei-Ru Lin, Ji-Li Zhan, Chun-Yen Chang</i></p>
	12:00~12:15	<p>H9008</p> <p>Cyber-Physical Hybrid Optimization System for CNC Milling Process</p> <p><i>Shih-Ming Wang, Tsooj Sambaljamts, Hariyanto Gunawan</i></p>



Session C2 (7F – Mencius)

Date	Time	<p>SF. Recent Advances in Infrastructure Technologies ; ST. Mechanism and Machine Design ; TC. Recent Advances in Artificial Intelligence and Internet of Things</p> <p><i>Session Chair : Prof. Dae-Jin Kim ; Prof. Wonho Suh</i></p>
<p>16th Nov. (Sat.)</p>	<p>10:30~10:45</p>	<p>ST9002 Face Recognition on Intelligent Door Lock with ResNet50 Model Based on Deep Learning <i>Suphawimon Phawinee, Jing-Fang Cai, Zhe-Yu Guo, Hao-Ze Zheng, Guan-Chen Chen</i></p>
	<p>10:45~11:00</p>	<p>SF9001 Assessment of Inelastic Torsional Deformation of Plan-Asymmetric Shear Wall Systems <i>Taehyu Ha, Sung-Gul Hong, Bong-Ho Cho, Dae-Jin Kim</i></p>
	<p>11:00~11:15</p>	<p>SF9002 Multiscale-Based Assessment on the Effective Material Properties of Textile-Reinforced Concrete Members <i>Hong-Jun Son, Seung-Ho Rhee, Sung Jig Kim, Dae-Jin Kim</i></p>
	<p>11:15~11:30</p>	<p>SF9007 Development of a New Truss Deckplate System with High-Strength Mortar Infilled Truss Bars <i>Hong-Jun Son, Young Ho Kim, Heecheul Kim, Dae-Jin Kim</i></p>
	<p>11:30~11:45</p>	<p>SF9008 Buckling Resistance of a New System Scaffold with Wedge-Shaped Connections <i>Taehyu Ha, Hongjin Kim, Dae-Jin Kim</i></p>
	<p>11:45~12:00</p>	<p>STC9004 An Artificial Intelligent Disaster-Relief Drone <i>Yeong-Lin Lai, Jeng-Chun Huang, Chin-We Huang, Kai-Han Yang</i></p>
	<p>12:00~12:15</p>	<p>STC9006 Intelligent Defect Detection Using Deep Learning for TFT LCDs <i>Yeong-Lin Lai, Yeong-Kang Lai, Ting-Hsueh Chuang, Chun-Yi Zheng</i></p>

Paper Award

Date	Time	1F - Central Garden
16 th Nov. (Sat.)	13:25~13:40	<p>SA9001 Using Hybrid Evolutionary Algorithm for Solving Signal Transmission Station Location and Allocation Problem with Different Regional Communication Quality Restriction <i>Ta-Cheng Chen, Sheng-Chuan Wang, Wen-Cheng Tseng</i></p>
	13:40~13:55	<p>SA9002 Process Parameter Optimization of EVA Foam with Varying Hardness for Custom Orthotic Shoes Insoles for Optimal Surface Roughness and Time Machining Using CNC Milling Machine <i>Paulus Wisnu Anggoro, Abet Adhy Anthony, Mochamad Tauviqirrahman, J. Jamari, Athanasius Priharyoto Bayuseno, Han Ay Lie</i></p>
	13:55~14:10	<p>SY9004 Filtering of DIM Point Cloud - Algorithms and Applications <i>Ying Cui, He Huang</i></p>
	14:10~14:25	<p>SY9005 Combining Oblique Photography with Terrestrial LiDAR for 3D Model Reconstruction of Buildings <i>Xinyu Zhang, He Huang</i></p>
	14:25~14:40	<p>SE9005 Agrizero: A Triangulation Adversarial Framework for Agricultural Forecasting <i>Fu-I Chou, Jinn-Tsong Tsai, Wen-Hsien Ho, Yenming J. Chen, Chun-Cheng Kuo</i></p>
	14:40~14:55	<p>SA9003 Effect of Desulfurization Gypsum on the Properties of Non-cement Blended Materials <i>Wei-Ting Lin</i></p>
	14:55~15:10	<p>SL9007 Industrial Knowledge Graph Based Defects Detection System Using Machine Learning <i>Chung-Chi Huang, Chung-Lin Huang, Bo-Yang Ding</i></p>



Session A3 (6F – Yue)

Date	Time	F. Computer & Information Engineering ; SX. Data Driven Applications/Services <i>Session Chair : Prof. Hung-Che Shen</i>
17 th Nov. (Sun.)	08:00~08:15	F9001 POCMAR: A Personalized Ontological Contextually-Aware Mobile AR System <i>Chuan-Jun Su, Shi-Feng Huang, Ying-Jen Lin, Yi Li</i>
	08:15~08:30	F9002 The Mobility and Health Care Monitoring: The Evaluation of Reliability & Applicability of Mobile Health Applications <i>Chuan-Jun Su, Shi-Feng Huang, Yi Li</i>
	08:30~08:45	F9003 Building an Asynchronous HTML5-Related Competency-Based Guided E-Learning System <i>Cheng-Hsiu Li</i>
	08:45~09:00	F9004 A Mobility Patterns Aware RFID Tag Identification Algorithm <i>Yen-Hung Chen, Arthur Chang, Shu-Rong Huang</i>
	09:00~09:15	F9005 Expression Control in Spanish MIDI-to-Singing Voice Synthesis <i>Hung-Che Shen</i>
	09:15~09:30	F9008 A Robust Nighttime Vehicle Detection Based on Headlights Detection <i>Wen-Kai Tsai, Hung-Ju Chen</i>
	09:30~09:45	F9012 Microscale Defect Inspection for Plastic Resin Films <i>Ya-Hsin Teng, Lun-Chi Chen, Chien-Hao Tseng, Guan-Hua Huang, Ruey-Kai Sheu</i>
	09:45~10:00	SX9003 Improvement on the Accuracy of the Measurement of Multiple Users' Breathing by Using Far Infrared Imaging <i>Dai Hanawa, Ryohei Takatori, Seiya Mishima, Satsuki Yamada, Kimio Oguchi</i>
	10:00~10:15	SX9004 Building Energy Visualization System Encouraging to Energy Saving Activities by Using Social Networking Service <i>Dai Hanawa, Satsuki Yamada, Riana Uchima, Kenta Maruyama, Gyuyoung Yoon</i>

Session B3 (7F - Analects of Confucious)

Date	Time	<p>G. Green Technology & Civil Engineering ; SG. Recent Advances in Green Innovative Materials and Construction Technology in Civil Engineering <i>Session Chair : Prof. Wei-Ting Lin ; Prof. Dooyong Cho</i></p>
17 th Nov. (Sun.)	08:00~08:15	<p>SG9003 Application of Green Materials on Roller Compacted Concrete Using Circulation Fluidized Bed Combustion Co-Fired Fly Ash <i>Wei-Ting Lin, Kailun Chen, Weidong Liu, Kinga Korniejenko</i></p>
	08:15~08:30	<p>SG9005 Study on Mixed Properties of Green Controlled Low Strength Cementitious Materials <i>Sung-Ching Chen, Wei-Ting Lin, Po-Yu Huang</i></p>
	08:30~08:45	<p>SG9006 Mechanical Properties of Short Fibre-Reinforced Geopolymers Made by Casted and 3D Printing Methods: A Comparative Study <i>Kinga Korniejenko, Michał Łach, Shih-Yu Chou, Wei-Ting Lin, An Cheng, Maria Hebdowska-Krupa, Szymon Gądek, Janusz Mikula</i></p>
	08:45~09:00	<p>SG9007 Limitation of Leaching and Improvement of Geopolymer Properties by Addition of Aluminum-Calcium Cements and Titanium Oxide <i>Michał Łach, Kinga Korniejenko, Janusz Walter, Anna Stefańska, Janusz Mikula</i></p>
	09:00~09:15	<p>SG9008 Compressive Strength for Alkali-Activated Slag Cementitious Using SiO₂&Na₂O Dosages <i>Chi-Che Hung, Wei-Ting Lin, Jia-Sheng Chiou, Weichung Yeh, Jiang-Jhy Chang, Yuan-Chieh Wu</i></p>
	09:15~09:30	<p>G9002 The FEM Analysis on Long-Term Performance of Bonded Natural Stone Pavement <i>Dooyong Cho, Junho Gong, Hoseong Jeong, Kukju Kim</i></p>
	09:30~09:45	<p>G9003 Experimental Analysis on Long-Term Performance of Bonded Natural Stone Pavement <i>Junho Gong, Hoseong Jeong, Euseok Han, Dooyong Cho</i></p>
	09:45~10:00	<p>G9006 Delay Liquidated Damages (DLDs) Mitigation Model Using Earned Schedule (ES)-Based Algorithm for Engineering-Procurement-Construction (EPC) Projects <i>Jae-Min Cho, Chi-Joo Lee, Eul-Bum Lee, Joo-Hoon Lee</i></p>
	10:00~10:15	<p>G9007 Generating a Precise Road Map Using High-Resolution UAV Images <i>Kuk Cho, Hoseong Jeong, Junho Gong, Dooyong Cho</i></p>



Session C3 (7F – Mencius)

Date	Time	<p>N. Intelligent Computing ; SR. Intelligent Manufacturing and Forming Technology ; SV. Application of Artificial Intelligence in Machinery Industry ; SW. Recent Advances in Measurement <i>Session Chair : Prof. Dyi-Cheng Chen</i></p>
17 th Nov. (Sun.)	08:00~08:15	<p>SW9003 A novel EMAT for Bolt Axial Load Measurement in Situ <i>Xu Ding, Xinjun Wu</i></p>
	08:15~08:30	<p>N9004 Use of Evolutionary Algorithm for Solving Multi-Objective Competitive Location Problem with Cooperative-Covering for Distance-Based Attractiveness <i>Sheng-Chuan Wang, Ta-Cheng Chen</i></p>
	08:30~08:45	<p>N9005 Sentence Similarity Estimation Based on Siamese Network Using Sent2Vec <i>Tak-Sung Heo, Hye-Jeong Song, Jong-Dae Kim, Chan-Young Park, Yu-Seop Kim</i></p>
	08:45~09:00	<p>N9006 Language Age Group Classification Using Deep Neural Networks <i>Byoung-Doo Oh, Hye-Jeong Song, Jong-Dae Kim, Chan-Young Park, Yu-Seop Kim</i></p>
	09:00~09:15	<p>SR9001 Application of Sequential Quadratic Programming for Obtaining Optimal Obstacle Avoidance Posture and End Position of a 7-Axis Robotic Manipulator <i>Wen-Jong Chen, Tzu-Yang Huang</i></p>
	09:15~09:30	<p>SR9002 Application of the Taguchi Method for Finite Element Analysis of Shear-Type Magnetorheological Fluid Damper <i>Dyi-Cheng Chen, Li-Ren Chen</i></p>
	09:30~09:45	<p>SR9003 Application of the Finite Element Analysis and Implementation of Commemorative Coins <i>Dyi-Cheng Chen, Ci-Syong You</i></p>
	09:45~10:00	<p>SV9001 The Implementation of Edge Computing Algorithm on an Smart AI Robot Embedded with Floating Gating MOSFET Devices <i>Joy Iong-Zong Chen, Pisith Hengjinda</i></p>
	10:00~10:15	<p>N9001 A Convolutional Neural Networks Based Linking Flooding Attacks Detection Framework <i>Yen-Hung Chen, Arthur Chang, ChunWei Huang, Chih-Han Chang, Yo-Cih Huang</i></p>

Session A4 (6F – Yue)

Date	Time	<p>SL. Applications in Machine Learning and Smart Automation ; ST. Mechanism and Machine Design ; SX. Data Driven Applications/Services <i>Session Chair : Prof. Chung-Chi Huang ; Prof. Meng Yu</i></p>
17 th Nov. (Sun.)	10:30~10:45	<p>SL9002 The Deployment of SAR with Smart Mechanical Construction and Innovation of Machine Learning <i>Joy Iong-Zong Chen, Pisith Hengjinda</i></p>
	10:45~11:00	<p>ST9007 Compliant Mechanism Design of a New 3-DoF Vibrating Platform <i>Wen-Hsiang Hsieh, Adhitya</i></p>
	11:00~11:15	<p>SL9008 Development of Intelligent Assessment and Prediction System for Somatic Fitness and Healthcare Using Machine Learning Method <i>Hsiao-Man Liu, Chung-Chi Huang, Chung-Lin Huang</i></p>
	11:15~11:30	<p>SL9009 Study on Customized Knowledge Graph of Student Pilot Learning in FITS Training <i>Chung-Lin Huang, Chung-Chi Huang</i></p>
	11:30~11:45	<p>SL9011 Optimization and Improvement Analysis of Automatic Delivery Systems for Manufacturing Material Handling Applications <i>Jeng-Han Li, Chuan-Yu Huang, Tzu-Ang Huang, Shen-Rui Li, Jun-Yao Yang, Chung-Chi Huang</i></p>
	11:45~12:00	<p>SL9003 Detection of Abnormal Behavior in Children Based On Intelligent Cushion <i>Meng Yu, Xiong Li, Bao Lu</i></p>
	12:00~12:15	<p>SX9001 Feasible Therapy Method Using Virtual Reality by Assessing Heart Rate Variety <i>Kimio Oguchi, Yuta Yamamoto, Satoru Takahashi, Nobuko Takizawa</i></p>



Session B4 (7F - Analects of Confucius)

Date	Time	<p>WB. Biomechanics ; WC. Health Care Technology ; WD. Medical Devices, Biomedical Materials, Measurement And Instrumentation ; WE. Medical Imaging, Image and Signal Processing</p> <p><i>Session Chair : Prof. Zhang-Yan Zhao</i></p>
<p>17th Nov. (Sun.)</p>	<p>10:30~10:45</p>	<p>WB9001 Development and Characterization of an Electromagnet-Based Artificial Muscle <i>Antonio P. Doroliat, Chih-Hung G. Li</i></p>
	<p>10:45~11:00</p>	<p>WC9001 Implementation of Patient Discomfort Recognition in Images Using CNNs <i>Shaamer Kumar</i></p>
	<p>11:00~11:15</p>	<p>WD9002 Improvement Autonomic Nervous System Stability Using Resonance Sound Stimulation Of Mean Heart Rate To Prevent Sudden Cardiovascular Change <i>Dea-Chang Kim, Jae-Hoon Jeong, Sung-Min Kim</i></p>
	<p>11:15~11:30</p>	<p>WD9004 Developing a Smart Walking Cane with Remote Electrocardiogram and Fall Detection <i>Hsi-Chiang Chou, Kai-Yu Han</i></p>
	<p>11:30~11:45</p>	<p>WE9002 A Novel Intensity Weighting Approach Using Convolutional Neural Network for Optic Disc Segmentation in Fundus Image <i>Ga-Young Kim, Sang-Hyeok Lee, Sung-Min Kim</i></p>
	<p>11:45~12:00</p>	<p>WE9004 Crane Type Identification Strategy Based on Migration Learning and Fine Tuning <i>Bi-Yue Liu, Zhang-Yan Zhao</i></p>

Session C4 (7F – Mencius)

Date	Time	J. Mechanical Engineering <i>Session Chair : Prof. Chao-Hui Ou</i>
17th Nov. (Sun.)	10:30~10:45	J9004 FEM Design of Proportional Solenoid for Hydraulic Proportional Suspension Damper <i>Jyh-Chyang Renn, Yi-Zhe Xie, Yi-Kai Huang, Chin-Yi Cheng, Chun-Bin Yang</i>
	10:45~11:00	J9008 Influence of the Redundant Hole Directions on the Response and Failure of Round-hole Tubes Subjected to Cyclic Bending <i>Kuo-Long Lee, Bor-You Liu, Wen-Fung Pan</i>
	11:00~11:15	J9018 Development of Multilayer Magneto-Rheological Brake for Knee-Orthosis Applications <i>Yaojung Shiao, Mahendra Babu Kantipud, Chien-Hung Lai, Nung-Chin Kao</i>
	11:15~11:30	J9021 Numerical Simulation Analysis of Carbon Fiber High-Speed Railway Vehicle Body Test Specimen Strength <i>Chao-Hui Ou</i>
	11:30~11:45	J9005 Research on Dynamics and Rolling Vibration of Lead Screw Feed Drives <i>Yong Zhou, Qin Li, Xiaohua Cao, Guoxian Wang</i>
	11:45~12:00	J9027 Experimental Study on PCD Tool Wear Prepared by WEDM and Grinding <i>Ke Sun, Xian Wu, Jianyun Shen, Li Liu</i>