

Day 1: 14th October 2022 (Friday)			
9:00 - 10:20	Session EBE-01: Digital Games for Social Technical Systems Chair: Wei Wang Room: EB 204 Teams Link: https://tiny.cc/icebe2022-01		
	369 - Qiaozhi Huang. Stylized Material Based on Movable Camera in 3D Game and Their Real-time Rendering Method Taking the OKAMI HD Game for Example		
	9266 - Callum Brady and Andrew M'Manga. Gamification of Cyber Security Training - EnsureSecure		
	8107 - Hua Bai. A Preliminary Study on Visual Complexity in Serious Games		
10:20 - 10:40	Coffee Break		
10:40 - 11:40	Session EBE-02: Student Research Competition Chair: Kuo-Ming Chao Room: EB 204 Teams Link: https://tiny.cc/icebe2022-02		
	6057 - Yuxiao Wang, Hongming Cai, Lihong Jiang, Bingqing Shen, Ben Wan, Pan Hu and Xirui Xiong. RTGAN : An Novel GAN-Based Rule Transfer Learning Method for Scalable Industrial Inference Engine		
	9665 - Berkan Oztas. Enhancing Transaction Monitoring Controls to Detect Money Laundering Using Machine Learning		
12:00 - 17:00	5401 - Xiong Xirui, Shen Bingqing, Cai Hongming, Jiang Lihong, Hu Pan and Wang Yuxiao. Knowledge Graph Completion based on Hyperbolic Graph Contrastive Attention Network		
Organizing and Steering committee meeting			
Day 2: 15th October 2022 (Saturday)			
08:30 - 17:00	Registration & Refreshment		
09:00 - 09:15	Opening Ceremony Room: BG 316 Teams Link: https://tiny.cc/icebe2022-keynote-1		
09:15 - 10:15	Keynote I - Big Data, NoSQL and Transactions Dr Muhammad Younas, School of Engineering, Computing and Mathematics, Oxford Brookes University, UK Chair: Kuo-Ming Chao Room: BG 316 Teams Link: https://tiny.cc/icebe2022-keynote-1		
10:15 - 10:30	Coffee Break		
10:30 - 12:00	Session EBE-03: Data Analytics for e-Business - I Chair: Omar Hussain Room: BG 317 Teams Link: https://tiny.cc/icebe2022-03	Session EBE-04: Internet of Things and Intelligent Enterprises Chair: Xin Lu Room: BG 318 Teams Link: https://tiny.cc/icebe2022-04	
	3543 - Zhengchang Wen, Hailiang Huang, Yingwei Liang, Yi Ding, Xin Cheng and Qingyao Wu. An End-to-End Speech Recognition System Based on Shared Encoder	407 - Yini Zhu and Cheng Xie. Edge-Cloud Hybrid Tiny Data Reduction Model for Anomaly Detection	
	4785 - Christopher G. Harris. Combining Linguistic and Behavioral Clues to Detect Spam in Online Reviews	447 - Wenbiao Tao, Luyao Xu, Yuran Dong and Cheng Xie. Stacking-Based Multi-Features Fusion Ensemble Learning for Product Quality Prediction	
	8595 - Xiaojing Zhong, Hao Hu, Li Li, Junhua Cen and Qingyao Wu. Deep IoU Network for Dense Rebar Object Detection	8423 - Xin Lu, Xiaoxia Li, Wei Wang, Kuo-Ming Chao, Lai Xu and Paul De Vrieze. A generic and modularized Digital twin enabled human-robot collaboration	
12:00 - 13:00	Lunch		
13:00 - 14:10	Session EBE-05: Data Analytics for e-Business - II Chair: M. Younas Room: BG 316 Teams Link: https://tiny.cc/icebe2022-05	Session EBE-06: Agent, Autonomous and Cloud Computing for e-business Chair: Kuo-Ming Chao Room: BG 317 Teams Link: https://tiny.cc/icebe2022-06	Session EBE-07: Software Engineering for e-Business Chair: Omar Hussain Room: BG 318 Teams Link: https://tiny.cc/icebe2022-07
	3600 - Xi Zheng. Multimodal Learning for Improved NFT Price Prediction	3095 - Xiaohui Zhao. Overview of hyperautomation	1161 - Yu-Wen Huang, Shang-Pin Ma and Sheng Kai Wang. MsdoBot: An Extensible Chabot Platform for Microservice Development and Operations
	9418 - Zehui Ke, Hailiang Huang, Yingwei Liang, Yi Ding, Xin Cheng and Qingyao Wu. Robust Video watermarking based on deep neural network and curriculum learning	9265 - Peng Tang, Cheng Xie and Beibei Yu. None-Negative Graph Contrastive Learning for Knowledge-Driven Zero Short Learning	6295 - Naoufel Koussani, Abderrahmane Leshob, Pierre Hadaya, Imen Benzarti and Hafedh Mili. Towards an Agile Approach for Business Process Reengineering
	715 - Zhengshen Ji. Research on product sales forecasting based on multi-value chain collaborative data management system in manufacturing industry	1389 - Damien Gallagher and Ruth Lennon. Architecting Multi-Cloud Applications for High Availability using DevOps	5127 - Xinyi Huang, Ni Zhang, Kesheng Fan, Xiaojing Zhong and Qingyao Wu. Improved A* Method for High Efficiency Forklift Path Planning
	4791 - Tianqing Zhang. Automated Machine Learning for Steel Production: A Case Study of TPOT for Material Mechanical Property Prediction	3961 - Wafa Bouaynaya, Nicholas Mavengere and Oliver Kayas. Exploring Trust in Mobile Commerce during Pandemic Crisis	2277 - Bin Wu, Xinyu Yao and Boyan Zhang. Semi-supervised community detection using graph embedding
14:10-18:00	Coffee break + Networking		
18:00 - 21:00	Conference Dinner (Hilton Bournemouth)		

Day 3: 16th October 2022 (Sunday)			
08:30 - 16:00	<i>Registration & Morning Refreshment</i>		
09:15 - 10:15	Keynote II - Intelligent education paradigm and higher education application of Teacher-Machine-Student hybrid augmentation Professor Feng Tian, School of Computer Science and Technology, Xi'an Jiaotong University, China Char: Yinsheng Li Room: BG 316 Teams Link: https://tiny.cc/icebe2022-keynote-2		
10:15 - 10:30	<i>Coffee Break</i>		
10:30 - 12:10	Session EBE-08: Big Data and Autonomous Computing - I Chair: Omar Hussain Room: BG 316 Teams Link: https://tiny.cc/icebe2022-08	Session EBE-09: Blockchain and Cloud Computing for e-Applications Chair: Pual De Vrieze Room: BG 317 Teams Link: https://tiny.cc/icebe2022-09	Session EBE-10: Data Analytics for e-Business - III Chair: Kuo-Ming Chao Room: BG 318 Teams Link: https://tiny.cc/icebe2022-10
	2858 - Yijie Geng, Jianhua Yang and Mir Seyedebrahimi. Using VR in Science Subjects: Popularity and Public Attitudes on Twitter	4048 - Papa Diadia Ba, James Tamgno Kouawa and Kora Ahmed Dooguy. Dematerialization of Public Procurement Approach Based on Hyperledger Fabric Blockchain using OCDS	9255 - Garima Natani, Satoshi Katsunuma and Toshihiko Kashiya. Data Movement Optimizer for HTAP Architecture Model and Reinforcement Learning
	1919 - Hanchao Li, Qian Wang, Dongli Fang and Xinbei Qian. Data Analysis on the Impact of the Industrial Robot Installation to the Stock Market Indices	2381 - Felix Härer. Towards Interoperability of Open and Permissionless Blockchains: A Cross-Chain Query Language	751 - Chunnan Shang. Simultaneous Extraction of Entities and Relations Based on Pre-trained Language Model and Predefined Language Templates
	4031 - Hanrong Zhang, Xinyue Wang, Peng Peng and Hongwei Wang. An Intelligent System for Semantic Information Extraction and Knowledge Graph Construction from Multi-Type Data Sources	2681 - Lai Xu, Paul de Vrieze, Rushan Arshad and Oyepeju Oyekola. Enhance Supply Chain Resilience through Industry 4.0 – A view of designing simulation scenarios	2139 - Kachon Kong, Letian Chen, Chongyu Wang, Wei He, Zeng Zhang and Yan Sun. Data augmentation method for simulating lung lesion evolution
	7928 - Alireza Faed and Omar.K Hussain. A methodology to analyze customer satisfaction and loyalty using soft skills and logistics factors	3359 - Deniz Cetinkaya. Design and Development of a Mobile Application to Combat Digital Addiction and Dissociative States During Phone Usage	8709 - Haoran Tang. A Framework for Handwritten Date Recognition in Quality Documents
	1134 - Haibo Wang and Hongwei Wang. An Application System for Evaluating and Optimizing the Quality of Neural Machine Translation Corpus	6592 - Yun-Chin Wu, Yu-Cheng Hu, Yu-Da Lin, Ying-Cong Liang, Jun-Yu Xie and Yu-Sheng Su. Use Smart Hydrology and Stratum Subsidence Monitoring Platform to Improve the Work Performance of Hydrologists	4012 - Ying Zhang. Handwritten Chinese Signature Detection on Scanned Technical Documents for Authenticity Verification
12:10 - 13:10	<i>Lunch</i>		
13:10 - 14:50	Session EBE-11: Big Data and Autonomous Computing - II Chair: Xin Lu Room: BG 317 Teams Link: https://tiny.cc/icebe2022-11	Session EBE-12: Diversity, Accessibility, Inclusivity for Intelligent Enterprises Chair: Nan Jiang Room: BG 318 Teams Link: https://tiny.cc/icebe2022-12	
	4827 - Ya-Chi Wang, Hsi-Min Chen and Chuan-Lin Huang. Applying Two-rounds Collaborative Peer Review to Assess Students' Programming Assignments	2822 - Nimesha Jayasooriya, Damindu Bandara, Navodya Hemachandra, Nuwan Kuruwitaarachchi and Surath Kahandawala. Integrity Assured Digital Voting System by using Blockchain as the Technology	
	7029 - Christian Gavrila, Petre G. Pop, Ioana Tamas and Cosmin Striletschi. Study and Experiments on Data Pagination and Calculation of Simple and Matrix Totals	2742 - Paul Whittington, Huseyin Dogan, Keith Phalp and Joshua Phillips. HealthAbility Pass: An Accessible Healthcare Gateway for Patients with Disabilities	
	9150 - Christian Gavrila, Cosmin Striletschi and Petre Pop. Programmatic Caching Techniques Applied in a Complex Web Context	155 - Nicholas Mavengere, Ernest Edifor, Festus Adedoyin, Edward Apeh and Acheampong Owusu. Education inequality in underserved regions: Exploring the role of technology to promote diversity and inclusivity	
	7128 - Semanur Sancar and Meryem Uzun-Per. Feature Selection in Customer Churn Analysis: Case Study in B2B Business	5679 - Xiaoxia Li, Xin Lu and Wei Wang. Review on Learning-based Methods for shop Scheduling problems	
	5405 - Bing Shao, Yichen Hou, Nianqing Huang, Wei Wang and Xin Lu. Deep Learning with Convolutional Neural Network for Screening of Coffee Beans	8230 - Yeliz Yücel and Kerem Rizvanoğlu. I am old too! : Understanding the Impact of Empathy and Voice Characteristics on Older Adults' Perception of Voice Assistants	
14:50 - 15:10	Conference closing + Best paper award + Next year conference announcement Chair: Kuo-Ming Chao Room: BG 317 Teams Link: https://tiny.cc/icebe2022-closing		
15:10 - 16:00	<i>Coffee break + Networking + Farewell</i>		