

The 4th International Conference on Artificial Intelligence and Logistics Engineering (ICAILE2024) - Online

April 16–17, 2024

Guiyang, China

ICAILE2024 Conference Program

ICAILE2024

Conference Sponsors

International Center of Informatics and Computer Science (ICICS), Ukraine

Wuhan University of Technology, China

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine

Wuhan Technology and Business University, China

Huazhong University of Science and Technology, China

Polish Operational and Systems Society, Poland

Nanning University, China











Guizhou Vocational and Technical College of Transportation, China

International Research Association of Modern Education and Computer Science, Hong Kong

ICAILE2024 Conference Schedule - Online

Tuesday, 16 April 2024
Beijing time at 10:00 AM

Time Zone

 Beijing, China CST (UTC +8)	Tue, 16 Apr 2024	10:00
 Kyiv, Ukraine * EEST (UTC +3) 5 hour(s) behind	Tue, 16 Apr 2024	05:00
 Ostrava, Czechia * CEST (UTC +2) 6 hour(s) behind	Tue, 16 Apr 2024	04:00
 Kuala Lumpur, Malaysia MYT (UTC +8) same as Beijing	Tue, 16 Apr 2024	10:00
 Tokyo, Japan JST (UTC +9) 1 hour(s) ahead	Tue, 16 Apr 2024	11:00
 Ottawa, Canada * EDT (UTC -4) 12 hour(s) behind	Mon, 15 Apr 2024	22:00
 Boden, Sweden * CEST (UTC +2) 6 hour(s) behind	Tue, 16 Apr 2024	04:00
 Bangkok, Thailand ICT (UTC +7) 1 hour(s) behind	Tue, 16 Apr 2024	09:00
Holiday: Songkran Observed		
 Singapore, Singapore SGT (UTC +8) same as Beijing	Tue, 16 Apr 2024	10:00
 Seoul, South Korea KST (UTC +9) 1 hour(s) ahead	Tue, 16 Apr 2024	11:00

<https://www.timeanddate.com/worldclock/meeting.html>

Tuesday, 16 April 2023
Beijing time at 10:00 AM

Keynote Speeches for ICAILE2024

Join a Zoom meeting.

<https://us02web.zoom.us/j/89956922193?pwd=eElMcVRhYXFLYTdOM2p0NUlRS0luZz09>

Meeting ID: 899 5692 2193

Passcode: 339374

Time	Keynote Speeches	Speakers
10:00-10:20	Open Ceremony	Prof. Q.Y. Zhang Prof. Z.B. Hu
10:20-10:50	Unveiling Capabilities for Social Value Creation in Global Value Chains	Dr. Irina Dovbischuk
10:50-11:20	The Application and Development of Artificial Intelligence Empowering Smart Logistics	Dr. Meng Wang
11:20-11:50	Fuzzy Possibilistic Kernel-Based Clustering for High-Dimensional Medical Data	Dr. O.K. Tyshchenko

Tuesday, 16 April 2023
Beijing time at 11:50 AM

Join a Zoom meeting.

<https://us02web.zoom.us/j/89956922193?pwd=eEIMcVRhYXFLYTdOM2p0NUIRS0luZz09>

Meeting ID: 899 5692 2193

Passcode: 339374

Chairs

Prof. Yuriy Ushenko, Prof. Q.Y. Zhang, Prof. Z.B. Hu, Prof. Y. Zhang

Time	ID	Paper title	Area	Speakers
11:50-13:00	2576	BT-IRVIF-Net: An Effective Fusion of Infrared and Visible Light Belt Tear Images	1	Jingjing Cao
	2644	Digitalization of Plate Cutting and Simulation of Plasma Cutting Machine Based on DELMIA	1	Yan Hong
	2666	Empirical Study on the Influence of Charismatic Leadership on Job Competency in the Gig Economy Environment	1	Ye Sun
	2620	A Study of Ethical Issues and Coping Strategies in the Development of Artificial Intelligence Technology	1	Hang Li
	2582	An Evaluating Model for Engineering Qualities Based on CC2020	1	Gonghe Chen
13:00-14:00	Break Time			
14:00-16:00	2528	Research on Solar Energy Resources Evaluation and Power Generation Calculation Method in Port Area	2	Changze Mu
	2537	Analysis of Safe Operation Behavior for Dispatching Fully Automated Operation Urban Rail Transit Lines Based on FTA	2	Jie Shang
	2635	From the Perspective of Innovation Diffusion to Explore Supply Chain Collaborative Innovation: Knowledge Sharing as a Mediator	2	Chao Chen
	2594	Development of A Fresh and Cold Chain Logistics Information Sharing Platform Based on Blockchain and Tripartite Evolutionary Game Theory	2	Lianfan Wang
	2606	Simulation Research on the Inbound and Outbound Process of ZTO Distribution Center Warehousing System Based on Flexsim	2	Liwei Li
	2610	Workshop Logistics Planning for Small and Medium Manufacturing Enterprises Based on SLP Method- with a Furniture Manufacturing Factory as an Example	2	Zhaozhe Wu
	2580	Study on Pedestrian Entry Capacity of Urban Rail Transit Stations-- Taking Chaoyang Station of Nanning Rail Transit as a Case Study	2	Dongmei Liao

	2587	Evaluating and Prospecting of China Maritime Transport Channel and Port Fulcrum Construction	2	Shanshan Bi
	2542	Guangxi Tobacco Commercial Green Logistics Strategy and Case Empirical Analysis Based on SWOT-AHP Model	2	Yujia Zheng
	2559	Analysis of the influencing factors on the development of new energy electric vehicles and their impact on the ecological environment	2	Guobin Gu
16:00-18:00	2578	Engineering Verification of Cognitive Models: A Software Simulation Approach	1	Igor Chimir
	2546	Decision Analysis of Artificial Intelligence Latecomer Enterprises Participating in Innovation Network from the Perspective of Knowledge Spillover	1	Wei Zhang
	2648	Assessment and Support of Critical Multilevel Infrastructure Security using Information and Cognitive Technologies	1	Victor Perederyi
	2622	Enhancing Bird Migration Studies: Detecting Birdsong in Audio Files Using Convolutional Neural Networks	1	Oksana Honsor
	2553	Application of Financial Robots - Taking Kingsware RPA as an Example	1	Jing Li
	2642	The integration strategy between educational robot and teaching Chinese as a foreign language by the way of man-machine interaction	3	Mingxin Sun
	2631	Innovation and Practice of Warehouse and Distribution Management Curriculum Driven by "Project + Software Teaching" in the Context of Emerging Engineering	3	Jiahao Zhou
	2640	Exploring the Talent Cultivation Model in Robotics Engineering Under the Framework of Emerging Engineering Education Based on Multi-Objective Optimization	3	Shiling Huang
	2557	Optimal Path Selection of Logistics Distribution Based on Improved Dijkstra Algorithm	2	Min Liu
	2538	Quality Control of Vaccine Cold Chain Transportation under Intelligent System Monitoring - from China's Experience	2	Zhaoxia Li
	2526	Ecological Evaluation Method for Smart Port Operation Based on AHP Model	2	Ye Mei

Wednesday, 17 April 2023
Beijing time at 10:00 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/85281534543?pwd=SE5lODdreU1qVnRlalZOZ0pML285QT09>

Meeting ID: 852 8153 4543

Passcode: 699260

Chairs

Prof. Q.Y. Zhang, Prof. Vadym Mukhin, Prof. Oleksandra Yeremenko, Dr. L. Li

Time	ID	Paper title	Area	Speakers
10:00-13:00	2555	Intelligent Cold Chain Monitoring Platform Based on Internet of Things and Edge Computing	2	Yingwu Peng
	2550	A Study on the Impact of Digital Economy on Carbon Emissions in the Logistics Industry Based on Empirical Testing	2	Zhao Wang
	2660	High-Speed Railways in China and Russia: A Comparative Analysis of Approaches, Achievements, and Challenges	2	Orlova Viktoriia
	2577	Optimization Analysis of Distribution Path of S Logistics Company Based on Floyd and Mileage Saving Methods	2	Meng Fu
	2615	Examining the Architecture, Relationships and Relevant Degree of Smart Logistics Information Technology: A Literature-Based Analysis	2	Xuejiang Wei
	2540	Training Path of Young Scientific and Technological Talents in New Research Universities-Take Southern University of Science and Technology and Westlake University as Examples	3	Meiying Wu
	2561	Cultivation Path of Innovation and Entrepreneurship Personnel training Driven by New Quality Productive Forces	3	Cheng Chen
	2600	Reconstruction of Course Teaching Content under the Dual Drive of 'Subject Competition + CDIO Concept' -Taking Management Accounting as an Example	3	Yiming Wang
	2564	Exploring the Impact of Professional Identity and Teaching Behaviors on Skill Development: The Mediating Role of Surface and Deep Learning	3	Tongyao Huang
	2554	The Application of Artificial Intelligence in Blended Learning Mode and Its Role in Improving Learner Autonomy	3	Zhilan Zeng
	2608	Exploring Novel Practices in International Chinese Language Education- A Case Study on the Development of Smart Courses in Universities	3	Yuancheng Zou
	2536	Research on Digital Evaluation of Innovative Logistics Talents Based on Improved SAGA-FCM Algorithm	3	Mengya Zhang
	2591	Research and Discussion on Training of Technical Personnel for ASEAN Rail Transit	3	Haitao Deng

13:00-14:00	Break Time			
14:00-17:30	2609	Innovating Engineering Education: A Morphological Approach to Enhancing Analytical and Creative Skills	3	Dmitry Rakov
	2548	Empirical Study of Second Language Writing Anxiety and Writing Proficiency Among English Majors	3	Ying Zheng
	2575	Practice of Integrating Blended Teaching of Tax Law (CPA Perspective) into Course Ideological and Political Education under OBE Concept	3	Ting Song
	2571	Enhancing Objectivity in Grading Economics Term Papers: An Application of Fuzzy Inference Systems	3	Nataliya Mutovkina
	2647	University-Industry Collaboration and Corporate Financial Performance: A Literature Review and Synthesis	3	Lingli Zou
	2534	T-Test Based Integration of Flipped Classroom and Project-Driven Approach in Foundation of Entrepreneurship Course	3	Xiaoshi Chen
	2583	Leading Asian E-commerce Intelligent Warehousing: JD's Practice and Experience - Increasing Net Profit Growth Rate	2	Qihong Liu
	2531	Traffic Flow Characteristics of Toll Station Sections Based on NaSch Model	2	Kanggui Huang
	2604	Exploring Innovative Practices in Logistics Professional Practical Teaching from the Perspective of Industry-University-Research Collaboration	2	Bo Li
	2652	Optimization of the Logistics Network of New Energy Vehicles: A Case Study of the Site Selection of the Vehicle Logistics Delivery Center of FAW Logistics	2	Lu Cao
	2676	Empirical Study on the Influencing Factors of The Customer Satisfaction of Cross-border E-commerce Logistics Service	2	Li Li
	2613	The Application of BP Neural Network in Optimization of Arc Welding Parameters	1	Shiquan Zhou

Keynote Speakers



Dr. Irina Dovbischuk

PhD, Economics and Social Sciences (University of Bremen, Germany)

MA, Urban and Regional Development (University of Bremen, Germany)

BA, Sociology (University of Bremen, Germany)

Dr. Irina Dovbischuk holds an associate professorship in International Business and Supply Chain Management at the Bissett School of Business at Mount Royal University since July 2023. She is a Canada Research Chair Tier II nominee. Previously, she served as a full professor in logistics management at IU International University of Applied Sciences (Germany). Since 2014, she has been acting as the co-founder and managing director of the Asian-German Knowledge Network for Transport and Logistics e.V. (Germany). Additionally, she has been a visiting professor at two Ukrainian universities for several years: Uman National University of Horticulture and National Economic University named after V. Hetman. From April 2015 until March 2016, she held an interim professorship in Business Administration, Maritime Business, and Logistics at the University of Bremen (Germany), where she earned her Ph.D. with the distinction summa cum laude in June 2014.

<https://www.mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/Business/FacultyStaff/IrinaDovbischuk.htm>



Dr. Meng Wang

Professor, Executive Vice Dean of School of Logistics at Wuhan Technology and Business University, Special Researcher at China Society of Logistics, Executive Director of Logistics Engineering Committee of Hubei Mechanical Engineering Society, and the Leader of Hubei Province Excellent Young-Middle-aged Science and Technology Innovation Team.

Research Interests: smart logistics and logistics resource matching. Published 5 books including "Smart Logistics Equipment and Applications" and "Smart Logistics Information Technology and Applications", and over 20 papers. Won 3 scientific and technological progress awards, 3 teaching achievement awards of provincial level, and 5 excellent achievement awards from the CLS.



Dr. O.K. Tyshchenko

Institute for Research and Applications of Fuzzy Modeling, Centre of Excellence IT4Innovations, University of Ostrava, Ostrava, Czech Republic

Website: <https://www.researchgate.net/profile/Oleksii-Tyshchenko>

Research Interests: Artificial intelligent in learning, Swarm Intelligence, Machine Learning, Computational Learning Theory, Artificial Intelligence, Online learning.

Instructions for Presentations

Materials provided by the presenter

PowerPoint or PDF files

Durations of each presentation (tentatively)

Regular oral session: about 10–20 minutes of presentation, 5 minutes of Q&A

Invited Speech: 20–30 minutes of presentation, 10 minutes of Q&A

The conference has three study areas:

Area 1: Artificial Intelligence and Scientific Methodology

Area 2: Logistics Engineering: Technology, Applications, and Innovation

Area 3: Education, Reform, and Innovation

If you have any questions about the conference program, please don't hesitate to contact us by email at iccseea@icics.net.