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Welcome Message

Honorary Chair

Dear Colleagues, Distinguished Guests, and Friends,

It is my great pleasure and honour, as Honorary Chair of ICAIE 2025 and Executive President of Xi'an Jiaotong Liverpool University (XJTLU), to welcome you to the 2025 International Conference on Artificial Intellige

nce and Education (ICAIE 2025) in the beautiful city of Suzhou, China. From May 14th to 16th, we gather under the theme "Embracing a New Era of Education Enabled by AI: Personalization, Gamification, and Interdisciplinary Integration" to share insights, forge collaborations, and chart the future of learning in an age defined by rapid technological advancement.

Over the past decades, AI has transitioned from an emerging frontier to a driving force reshaping the ways we teach, learn, and evaluate. At XJTLU, through our "Education + AI" programme and the XIPU AI system, we have begun to reimagine curricula, pedagogies, and assessment models to cultivate graduates who can seamlessly integrate human creativity with machine intelligence. I firmly believe that by harnessing AI's potential for personalization, by embedding interest-driven gamified experiences that motivate and engage learners, and by fostering interdisciplinary bridges across the sciences, humanities, and engineering, we will prepare the next generation to tackle society's most pressing challenges.

ICAIE has, since its inception, provided an open platform for researchers from academia, industry, and government to exchange novel ideas and present cutting edge research in AI and education. I would like to extend my deepest gratitude to our technical sponsor IEEE; our collaborators at the British Education Research Association (BERA); our partners in high-impact scholarly publication—the British Journal of Educational Technology, Australasian Journal of Educational Technology, and European Journal of Education; Curtin University Malaysia; Suzhou Association for Artificial Intelligence; Suzhou Computer Federation; and Ximmerse. Your sustained support embodies the collaborative spirit that is essential for innovation.

As someone whose own journey—from pioneering the HeXie Management Theory to supervising over 200 graduate students—has been enriched by interdisciplinary dialogue, I encourage every attendee to engage fully in the panels, workshops, and poster sessions. Let us challenge assumptions, inspire one another, and forge synergies that will define the next frontier of AI enabled education.

Once again, on behalf of the conference organize unit: the Research Centre for AI and Education

(RC4AIED) at the Academy of Future Education, XJTLU, and our global partners, welcome to Suzhou. May ICAIE 2025 be a rewarding, thought provoking, and lasting experience for us all.

Prof. Youmin Xi,
Executive President of Xi'an Jiaotong-Liverpool University
Pro-Vice Chancellor of the University of Liverpool
Senior Professor of Management at Xi'an Jiaotong University
Honorary Chair, ICAIE 2025

Honorary Chair

Dear Colleagues, Distinguished Guests, and Friends,

With my hats on Chief Officer of Education,Executive Dean of the Academy of Future Education (AoFE) and Director of Research Centre for AI and Education (RC4AIED) at Xi'an Jiaotong-Liverpool University (XJTLU), it is my honour to join you as Honorary Chair of ICAIE 2025. From May 14–16 in Suzhou, we will explore together how AI can empower not only learners, but the very educators and institutions that guide them. Under the theme "Embracing a New Era of Education Enabled by AI: Personalization, Gamification, and Interdisciplinary Integration," we will examine fresh models that move beyond traditional knowledge transmission toward learner-centred, future-oriented practices.

Over the past decade, the AoFE has grown four innovative units—the Institute of Leadership and Education Advanced Development (ILEAD), the Educational Development Unit (EDU), the Department of Educational Studies (EDS), and the Learning Institute for Future Excellence (LIFE)—to support precisely this kind of transformation. At ICAIE, you will hear about our work in syntegrative education: a holistic approach that weaves together pedagogies, technologies, and leadership strategies to prepare students for a world where knowledge now doubles every few seconds. I look forward to sharing insights from our "diamond model" of teaching innovation in the AI era, and to learning from your own experiences introducing gamified, personalized, and cross-disciplinary designs in diverse contexts.

This conference is also an invaluable forum for those dedicated to educating the educators—faculty developers, institutional leaders, and teaching professionals—who shape the learning journeys of thousands. With over 20,000 participants in our national professional development programmes, we have seen first-hand the power of community, collaboration, and continuous innovation. I encourage you to engage in every panel, workshop, and networking session, and to bring your questions about leadership, change management, and sustainable faculty development to our roundtable discussions.

Together with our sponsor IEEE and partners—with the British Education Research Association (BERA) (especially the Digital Education SIG), top tier Education Journals: the British Journal of Educational Technology, Australasian Journal of Educational Technology and European Journal of Education, Curtin University Malaysia, Suzhou Association for Artificial Intelligence, Suzhou Computer Federation and Ximmerse, and indeed with each of you, ICAIE 2025 will illuminate pathways for AI-enabled education that are both rigorous and humane. Let us seize this opportunity to rethink assessment, reimagine curriculum, and reaffirm our commitment to cultivating global citizens who thrive in the digital age.

Warmest regards,

Prof. Xiaojun Zhang,

Chief Officer of Education

Leader of Entrepreneur College (Taicang) Leadership Team

Executive Dean, Academy of Future Education

Acting Dean of Entrepreneurship and Enterprise Hub

Director of Research Centre for AI and Education (RC4AIED)

Xi'an Jiaotong-Liverpool University

Honorary Chair, ICAIE 2025

Conference Chair

Dear Colleagues, Distinguished Guests, and Friends,

Welcome to Suzhou and to ICAIE 2025! It is a privilege to serve as Conference Chair and to greet you on behalf of the Research Centre for AI and Education (RC4AIED) and the MSc Digital Education Programme at Academy of Future Education (AoFE), Xi'an Jiaotong Liverpool University (XJTLU). As scholars and practitioners committed to harnessing AI for learning, you know that technology alone does not transform education—it is the environments we create and the mindsets we adopt that drive genuine innovation. Over the next three days, you'll explore advances in digital game based learning, virtual and immersive platforms, and human AI interactive systems designed to foster self directed, interest driven learning. We'll spotlight applications of emotional AI in the classroom, strategies for agile curriculum redesign, and models for sustainable digital learning ecologies—the HeXie ecosystem—to ensure quality, inclusivity, and adaptability in every context.

ICAIE 2025 brings together an extraordinary community: from experts steering and investigating AI empowered engagement and assessment, and to policy makers shaping the next generation of educator professional development. You are welcome to engage deeply in our Chief Editor meeting sessions, keynote and paper presentations—and to share your own case studies in our workshops and poster sessions. These exchanges fuel the kind of cross-disciplinary insights that will define personalized, gamified, and integrative learning experiences.

My heartfelt thanks go to IEEE, BERA's Digital Education SIG, our journal partners (BJET, AJET, EJED), Curtin University Malaysia, the Suzhou AI and Computer associations, and Ximmerse for their steadfast support. I also extend gratitude to our local organization team at XJTLU's Academy of Future Education (AoFE) and to the dedicated conference committee.

May you leave ICAIE 2025 energized by new connections, inspired by fresh pedagogical visions, and equipped with practical strategies to reshape learning for the AI era. Enjoy the discussions, the demonstrations, and the beautiful gardens of Suzhou!

With warm regards,

Dr Na Li

Associate Professor, Department of Educational Studies

Director, MSc Digital Education Programme

Co Director, Research Centre for AI and Education (RC4AIED)

Conference Chair, ICAIE 2025

Track 1: AI-Enabled Personalized Education: Innovations and Challenges

Dear Colleagues,

It is our pleasure to welcome you to the AI-Enabled Personalized Education track at this year's ICAIE Conference. Over the course of our sessions, we will examine cutting-edge innovations, tackle pressing challenges, and explore the transformative potential of AI in shaping the future of education.

This track is dedicated to investigating how AI can redefine traditional educational paradigms by delivering tailored learning experiences that align with students' unique needs, abilities, and preferences. We will delve into the opportunities, ethical implications, and real-world applications of AI-driven personalization, supported by evidence-based case studies and expert insights.

As AI continues to reshape education, our collective expertise is vital in ensuring these advancements enhance learning outcomes equitably and responsibly. Whether you are a researcher, educator, practitioner, or student, we encourage you to engage with our community—sharing ideas, forging collaborations, and contributing to thought-provoking discussions that will drive the field forward.

Thank you for being part of this dynamic AI community. Your participation—whether through attending sessions, presenting research, or connecting with peers—helps advance our mission to create more personalized, effective, and inclusive educational experiences.

We look forward to seeing you at the conference and to the meaningful exchanges ahead. And as you join us in this intellectual journey, we also invite you to explore the beauty and charm of Suzhou. Known for its classical gardens, rich history, and vibrant culture, Suzhou offers a unique blend of tradition and modernity. Take some time to wander through its serene gardens, taste the local delicacies, and experience the warmth of its people.

Welcome to Suzhou, and welcome to the ICAIE Conference!

Track Chairs: Anoop Saxena, Xi'an Jiaotong-Liverpool University, China
Run Wen, Xi'an Jiaotong-Liverpool University, China

Track 2: Gamification and Interdisciplinary Integration in the AI Education Era

Dear distinguished colleagues, delegates, and guests,

It is my honour to welcome you to the 2025 International Conference on Artificial Intelligence and Education, and especially to Track 2: Gamification and Interdisciplinary Integration in the AI Education Era.

We are witnessing a growing use of gamification—integrating game elements such as points and competitions in educational settings—to foster engagement and learning. At the same time, artificial intelligence (AI), through algorithmic and data-driven technologies, automates and reconfigures learning, teaching, and educational management at a stellar pace.

In this track, I invite you to explore the potentials and limitations of gamification in education, always in relation to specific contexts. As the field increasingly recognises, educational technologies do not operate in a vacuum; their effectiveness depends on how they are embedded within disciplinary, institutional, and cultural environments.

Our rich collection of contributions, made by participants from diverse disciplines and countries, considers not only what works but also where, when, how, and why it works—or doesn't. I believe these contributions will push the field's boundaries and inspire researchers, teachers, policymakers, and others with a heart for education.

ICAIE 2025 offers important opportunities to shape connections within and beyond disciplinary and national boundaries by bringing together varied perspectives on gamification in the AI education era. I am grateful to the organisers and guests that these opportunities can take place at Xi'an Jiaotong-Liverpool University in Suzhou (China), where I work and live.

I look forward to learning from you during the vibrant conversations in our sessions.

Sincerely,

Dr Lanze Vanermen
Track Chair, ICAIE 2025
Xi'an Jiaotong-Liverpool University, Suzhou, China

Track 3: AI and Entrepreneurship Education

Dear Delegates, Colleagues, and Visionaries of the Future,

It is with great honor and boundless excitement that I welcome you to ICAIE 2025, held in the vibrant city of Suzhou. As Chair of the Entrepreneurship Education and AI track, I am delighted to convene this global gathering of pioneering minds who believe, as I do, that education is not merely a transmission of knowledge—but an activation of human potential.

Our track invites you to explore a provocative yet timely question: What happens when entrepreneurial education, long shaped by case studies and creativity, meets the transformative power of artificial intelligence? The answers, I believe, are not incremental—they are exponential.

As the creator of the first music-based cognitive performance intervention for entrepreneurial learning—Cognitive Performance Music™ (CPM™)—I have witnessed firsthand how AI can unlock untapped dimensions of student motivation, creativity, and performance. With CPM™, we are not simply adding music to education—we are creating a new genre where music is the pedagogy. This year's conference theme, "Embracing a New Era of Education Enabled by AI: Personalization, Gamification, and Interdisciplinary Integration," could not be more aligned with the breakthroughs we are championing in this track.

I extend my deepest thanks to all the contributors, reviewers, and researchers who have helped elevate this track into what I believe will be one of the most future-forward spaces at ICAIE 2025. Your vision and rigor are paving a bold new path for education—one that is personal, powerful, and profoundly human.

As we embark on this journey together, I invite you to stay open. Let us experiment, challenge conventions, and allow the convergence of AI and entrepreneurship to surprise us. I trust you will leave this track not only with new insights—but perhaps with a renewed sense of mission.

Welcome to a movement. Welcome to ICAIE 2025.

Warm regards,

Dr. Vik Perez
Chair of the Track on Entrepreneurship Education and AI
Associate Professor at Xi'an Jiaotong-Liverpool University
Inventor of the WNYLE Method
Founder of Cognitive Performance Music (CPM™)
Founder of the Global Brain-Driven Entrepreneurship Education Network (BRANET)

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence

Dear distinguished colleagues, delegates, and guests,

It is my great pleasure to extend a warm welcome to you at the 2025 International Conference on Artificial Intelligence and Education, and particularly to Track 4: New Progress in Educational Technology Research Under the Background of Artificial Intelligence.

In today's rapidly changing educational landscape, AI(artificial intelligence) has led in a new era of innovation and transformation. AI, with its advanced algorithms, data analytics, and machine learning capabilities, is revolutionizing the way we approach teaching, learning, and educational management. As educators and researchers, we are at the forefront of exploring how these cutting-edge technologies can enhance educational outcomes and address the complex challenges of the modern world.

In this track, I invite you to explore the “Rubik's cube” of learning technology that is focused on student-centered classroom teaching, sustainable learning effectiveness and collaborative innovation between government, industry, academia, and research. Our discussion is conducted from educational, technological and psychological dimensions. The dimensions of education is focused on students’ learning experiences, academic achievements and competences. The dimensions of technology is concentrated on personalized, socialized and ecological learning. The dimensions of psychology is centered on students’ cognition, emotions, and thinking.

We have received 76 papers. on this track. Our participants are from different disciplines and countries, we will share their insights, experiences, and research findings.

The ICAIE 2025 conference provides a unique platform for fostering global connections and interdisciplinary dialogue. By bringing together experts from different fields and regions, we aim to create a great opportunity of ideas and perspectives that will shape the future of educational technology research.

I am particularly grateful to be hosting this track at Xi’an Jiaotong-Liverpool University in Suzhou, China, a vibrant hub of academic excellence and innovation. I’m looking forward to staying with you in the stimulating discussions and sessions that lie ahead. Together, let us explore the new frontiers of educational technology research and make a path towards a more inclusive, effective, and innovative educational future.

Sincerely,

Dong Yuqi, Qian Songling, Track Chair,

ICAIE 2025 Xi’an Jiaotong-Liverpool University, Suzhou, China

Special Session: Innovative Technologies and Emerging Trends in Transnational Education

Dear Esteemed Colleagues,

On behalf of Curtin University Malaysia, I would like to welcome you all to the 2025 International Conference on Artificial Intelligence and Education, held in beautiful Suzhou on May 14 – 16, 2025. I would also like to congratulate the organizing committee for working tirelessly behind the scenes to deliver this conference and wonderful experience to all participants.

I think the conference and its theme is certainly timely. Artificial Intelligence is definitely a hot topic at the moment, across all fields, including in education and academia. AI has the potential to revolutionize how students learn and how we teach, bringing personalized learning experiences, enhanced assessments, automated tasks and others into the realm of possibility, or even into current practice. Of course, issues with its usage has also arisen, and as educators and academics we must consider the ethical and proper usage of it, to enhance our learning and teaching activities. I am sure you will have many enlightening conversations around what AI can do, as well as how best to harness its potential during this conference.

We, at Curtin University Malaysia, are excited to collaborate with Xi'an Jiaotong-Liverpool University, and proud to have signed a Memorandum of Understanding last year. We remain committed to ensuring that our academics explore and implement the best and most current learning and teaching practices, and innovate in their scholarship of learning and teaching.

I would like to express my thanks to the esteemed colleagues, as well as conference organizing committee members from Xi'an Jiaotong-Liverpool University. My special thanks to Associate Professor Na Li for warmly inviting us to collaborate with her team on ICAIE2025. Further, I would like to express my appreciation and thanks to Associate Professor Raymond Chiong and Dr. Saaveethya Sivakumar, my colleagues from Curtin University Malaysia for their efforts in promoting ICAIE2025.

Thank you, and may you have many wonderful and illuminating experiences and discussions at ICAIE2025!

Warm regards,

Professor Tang Fu Ee

Curtin University Malaysia

International Advisory Committee member

2025 International Conference on Artificial Intelligence and Education

AI and Education Practice Presentation Session

Dear Esteemed Colleagues,

It is my great pleasure to welcome you to the International Conference on Higher Education Learning and Teaching and to the special session on papers published in a Special Issue of Developing Academic Practice (DAP) on AI and Education. DAP is a gold open access Academy journal supported by Liverpool University Press aiming to celebrate scholarship in all aspects of academic practice in Higher Education.

As Chair of this session, I am delighted that ICHELT has allowed us to showcase a variety of approaches to how we are using AI in learning and teaching as the sector is developing and learning in this area. I am hoping that the session is a creative highlight of the conference.

I wish all of you a productive and insightful conference, and I look forward to the exchange of ideas that will help shape the future of learning and teaching in higher education.

Associate Professor Charlie Reis

Xi'an Jiaotong-Liverpool University, China

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ICAIE Conference Program

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Balkrishna Patil, Independent Researcher, USA
Riccardo Patriarca, Sapienza Università Di Roma, Italy
P.K. Paul, Raiganj University, India
Ong Pauline, Universiti Tun Hussein Onn Malaysia, Malaysia
Praphan Pavarangkoon, King Mongkut's Institute of Technology Ladkrabang, Thailand
Libor Pekar, Tomas Bata University in Zlin, Czech Republic
Jun Peng, City University of Macau, China
Satyanarayana Murthy Polisetty, Bank of America, USA
Prithvi Pothupogu, National Institute of Technology, India
Harrizki Arie Pradana, ISB Atma Luhur Pangkalpinang, Indonesia
Aishwary Pramanik, Rochester Institute of Technology, USA
Dilip Kumar Rachamalla, Intuit Inc, USA
Prathap Raghavan, Santander Consumer usa, USA
Teh Faradilla Abdul Rahman, Univevrsiti Teknologi MARA, Malaysia
Aman Raj, Google, USA
Satyanarayana Raju, Morgan Stanley, USA
Ganapathy Subramanian Ramachandran, Independent Researcher, USA
Christopher Redmond, Xi'an-Jiaotong Liverpool University, China
Kaushik Roy, West Bengal State University, India
Poompat Saengudomlert, Bangkok University, Thailand
Abdel-Badeeh M. Salem, Ain Shams University, Egypt
Demetrios Sampson, University of Piraeus, Greece
Venu Sannamuri, Senior Software Engineer, USA
Madhuri Sesha Sarma, Visvesvaraya Technological University, India
Wudhichart Sawangphol, Mahidol University, Thailand
Woo Chaw Seng, University of Malaya, Malaysia
Yilun Shang, Northumbria University, UK
Harini Shankar, Technology FINRA, USA
Gajendra Sharma, Kathmandu University, Nepal
Nandan Sharma, BC Public Service, Canada
Jiajie Shen, Fudan University, China
Moirangthem Marjit Singh, North Eastern Regional Institute of Science & Technology, India
Ramkinker singh, Palo Alto Networks Inc, USA
Seppo Sirkemaa, University of Turku, Finland
Shalini Sivasamy, Webster Bank, USA
Gautam Solaimalai, Independent Researcher IEEE, USA
Baohua Su, Jinan University, China
Henghua SU, Xi'an Jiaotong Liverpool University, China

Kai Su, Shenyang University of Technology, China
Di Sun, Dalian University of Technology, China
Liang Sun, Civil Aviation Management Institute of China, China
Prasad Sundaramoorthy, Nordstrom, USA
Olarik Surinta, Mahasarakham University, Thailand
Ali Syed, Charles Stuart University, Australia
Okazaki Takeo, University of the Ryukyus, Japan
Ling Tan, Xi'an Jiaotong Liverpool University, China
Shuyuan Tang, Shanghai Normal University/Sanda University, China
Yuanyan Tang, University of Macau, China
Ajay Tanikonda, Independent Researcher, USA
Mia Tedjosaputro, Xi'an Jiaotong – Liverpool University, China
Yap Teng Teng, University of Malaya, Malaysia
Kailash Thiyagarajan, Independent Researcher, USA
Joseph Tinsley, Xi'an Jiaotong Liverpool University, China
Prerak Trivedi, Meta Inc, USA
Alex W. C. TSE, The University of Hong Kong, China
Swati Tyagi, JP Morgan Chase, USA
Tariq Umar, Comsats University Islamabad, Pakistan
Raghavender Reddy Vanam, FinTech, USA
Tunde Varga-Atkins, University of Liverpool, UK
Yeshwanth Vasa, Wilmington University, USA
Kasturi Vasudevan, Indian Institute of Technology Kanpur, India
Sneha Vasudevan, Uplight Inc., USA
Praneeth Reddy Vatti, Apple, USA
Vineeth Reddy Vatti, Torc Robotics Inc, USA
Koushik Balaji Venkatesan, Amazon, USA
Ramya K R Vuyyuru, Quidel Ortho, USA
Airong Wang, Xi'an Jiaotong-Liverpool University, China
Bingshu Wang, Northwestern Polytechnical University, China
Guanghui Wang, Toronto Metropolitan University, Canada
Haixia Wang, Xi'an Jiaotong Liverpool University, China
Hao Wang, Ratidar Technologies LLC, China
Li Wang, The Open University of China, China
Xiaozhu Wang, The Open University of China, China
Yongtian Wang, Northwestern Polytechnical University, China
Wei Wei, Macao Polytechnic University, China
Zhihui Wei, Shanghai Open University, China
Yew Kee WONG, Hong Kong Chu Hai College, Hong Kong, China
Anna Wróblewska, Warsaw University of Technology, Poland

Tong Wu, Xi'an Jiaotong-Liverpool University
Yao Wu, Xi'an Jiaotong-Liverpool University, China
Angela Xia, Xi'an Jiaotong Liverpool University, China
Xia Xie, Hainan University, China
Yuan Xie, Xi'an Jiaotong Liverpool University, China
Chaonan Xu, Xi'an Jiaotong-Liverpool University, China
Qingzheng Xu, National University of Defense Technology, China
Yuming Xu, Guangdong University of Finance & Economics, China
Zhenguo Xu, Qufu Normal University, China
Xingsi Xue, Fujian University of Technology, China
Faridah Binti Yahya, Universiti Kuala Lumpur, Malaysia
Yahe Yang, George Washington University, USA
Yang Yang, Beijing Normal University, China
Jiajia Yao, Jiangnan University, China
Jiuhong Yu, Ningbo University of Finance and Economics, China
Xiaoying Yuan, Xi'an Jiaotong-Liverpool University, China
Bo Zhang, Xi'an Jiaotong Liverpool University, China
Cao Zhang, Jiangnan University, China
Huiyu Zhang, Temasek Polytechnic, Singapore
Jinrui Zhang, Beijing University Of Civil Engineering And Architecture, China
Pengfei Zhang, Jiangnan Universtry, China
Rui Zhang, Tongji University, China
Shuangxin Zhang, Xi'an Jiaotong Liverpool University, China
Shuhan Zhang, Macao Polytechnic University, China
Tianyu Zhang, Xi'an Jiaotong-Liverpool University, China
Xiaoyan Zhang, Shenzhen University, China
Xin Zhang, The Hong Kong University of Science and Technology, China
Xiwen Zhang, Beijing Language and Culture University, China
Yi-Nan Zhang, Tianjin University of Science and Technology, China
Zhaofeng Zhang, Arizona State University, USA
Zheng Zhang, Berkeley Artificial Intelligence Research Lab, USA
Xiaoxue Zhao, Xi'an Jiaotong-Liverpool University, China
Ying Zhao, Beijing Union University, China
Debao Zhou, University of Minnesota Duluth, USA
Tiange Zhou, Beijing Normal University, China
Changming Zhu, Shanghai Martime University, China
Francesco Zirilli, Sapienza University of Rome, Italy
Xiaowen Zou, Xi'an Jiaotong-Liverpool University, China

Useful Information

Conference Photo Live Stream

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ICAIE Conference Program

会议日程

GUIDANCE

ZOOM Download Link: https://zoom.us/download
Virtual Background & Slide Template: https://www.icaie.org/kits.rar
Please rename your screen name before entering the room.

Rename Screen Name Before Entering the Room	Examples
Authors: Paper ID-Name	CS1001-San Zhang
Delegate: Delegate-Name	Delegate-San Zhang
Keynote Speaker: Keynote-Name	Keynote-San Zhang
Invited Speaker: IS-Name	IS-San Zhang
Committee Member: Committee-Name	Committee-San Zhang

Materials Prepared by the Presenters

✧ **Oral Presentation:**

PowerPoint or PDF files

PowerPoint Background Template: https://www.icaie.org/kits.rar

✧ **Poster Presentation:**

The presenter of the poster needs to prepare a poster presentation within 8 mins.

It's expected that at least one author stands by the poster for (most of the time of) the duration of the poster session.

This is essential both to present your work to anyone interest in it and to make sure that your presence is verified by committee.

The size of your poster is A0.

Duration of Each Presentation

✧ Keynote Speech: 20 Minutes of Presentation including Q&A.

✧ Invited Speech: 20 Minutes of Presentation including Q&A.

✧ Regular Oral Presentation: 12 Minutes of Presentation including Q&A.

✧ Poster Presentation: 8 Minutes of Presentation including Q&A.

Tips

- ✧ The regular oral presentation time arrangement is for reference only. In case any absence or some presentations are less than 12 minutes, please join your session before it starts.
- ✧ An excellent presentation will be selected from each session which will be announced and awarded an excellent presentation certificate.

Emergency

- ✧ Emergency Call 报警电话: 110
- ✧ First Aid Call 急救电话: 120
- ✧ Fire Alarm Call 火警电话：119

Electricity

- ✧ 220V/50Hz sockets are mainly used in China. If you need an inverter to convert the power to 110 volts, please contact the hotel housekeeping department.

Gentle Reminder

- ✧ Please ensure that you take all items of value with you at all times when leaving a room. Do not leave bags or laptops unattended. The conference organizer does not assume any responsibility for the loss of personal belongings of the participants.

  会议期间请务必随身携带贵重物品，会议不对任何物品丢失负责。
- ✧ Accommodation is not provided. Delegates are suggested make early reservation.

  参会者请提前自行预订酒店房间。

  Please present your meal voucher when dining.

  就餐时请出示餐券。

Venue

Xi'an Jiaotong-Liverpool University

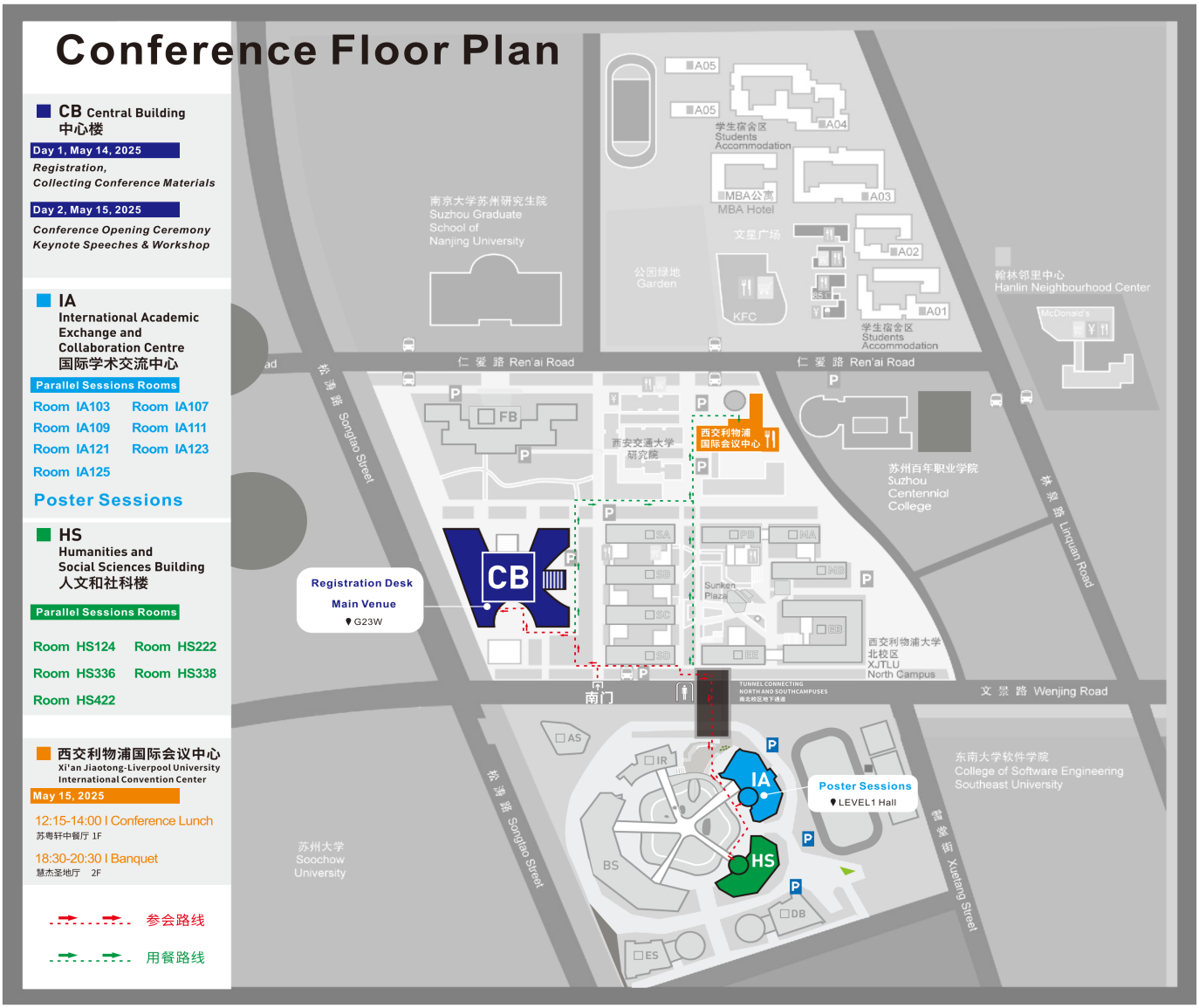
西交利物浦大学

Add.: 111 Ren'ai Road, Suzhou Industrial Park, Suzhou, Jiangsu Province, P. R. China

地址：江苏省苏州市工业园区独墅湖科教创新区仁爱路 111 号



Campus Map



Transportation

1. High-Speed Rail Station Selection / 高铁站选择

★ Indicate the recommended mode of transportation. ★ 表示推荐的交通方式。

Location 位置	★ Suzhouyuanqu Railway Station 苏州园区站	★ Suzhou Railway Station 苏州站	Suzhoubei Railway Station 苏州北站
Distance 距离	Approximately 11 km, about 20 minutes by car 约 11 公里，车程 20 分钟左右	Approximately 20 km, about 35 minutes by car 约 20 公里，车程 35 分钟左右	Approximately 30 km, about 45 minutes by car 约 30 公里，车程 45 分钟左右
Public Transport 公共交通	Take bus 115 to "Suda Apartment North Area Station" station, then walk to reach the destination 乘坐 115 路公交，到“苏大公寓北区站”站下，步行即可到达	Take bus 143 to "Graduate School of Nanjing University" station 乘坐 143 路公交，到“南大研究生院”站下车	Take Metro Line 2 to "Songtao Street" station, then walk 1.5 km to reach the destination 乘坐地铁 2 号线至“松涛街”站，步行 1.5 公里到达
Taxi 出租车	About 20 minutes, approximately 30 RMB 车程约 20 分钟，费用约 30 元	About 30-40 minutes, approximately 50-70 RMB 车程约 30-40 分钟，费用约 50-70 元	About 40 minutes, approximately 60-90 RMB 车程约 40 分钟，费用约 60-90 元
Recommendation 推荐理由	Closest distance, convenient transportation 距离最近，交通便捷	More frequent schedules, suitable for passengers arriving in Suzhou from all over the country 班次较多，适合从全国各地抵达苏州的旅客	Suitable for passengers arriving by high-speed rail from northern cities (e.g., Beijing) 适合从北方城市（如北京）乘坐高铁抵达的旅客

2. Airport Selection / 机场选择

★ Indicate the recommended mode of transportation. ★ 表示推荐的交通方式。

Location 位置	★ Sunan Shuofang International Airport (Wuxi) 苏南硕放国际机场（无锡）	Shanghai Hongqiao International Airport 上海虹桥国际机场	Shanghai Pudong International Airport 上海浦东国际机场
Distance 距离	Approximately 50 km, about 1 hour by car 约 50 公里，车程 1 小时左右	Approximately 70 km, about 1.5-2 hours by car 约 70 公里，车程 1.5-2 小时	Approximately 130 km, about 2-2.5 hours by car 约 130 公里，车程 2-2.5 小时
Public Transport 公共交通	From the airport, take the airport shuttle bus or a taxi to Wuxi Railway Station, from Wuxi Station, take a high-speed train to Suzhou Industrial Park Station or Suzhou Station, then take a taxi 从机场乘坐机场大巴或乘坐出租车到无锡火车站，从无锡站乘坐高铁到苏州园区站或苏州站，乘坐出租车前往	Take Metro Line 2 or 10 from Hongqiao Airport to Hongqiao Railway Station, transfer to a high-speed train to Suzhou Industrial Park Station or Suzhou Station, then take a bus or taxi 从虹桥机场乘坐地铁 2 号线或 10 号线至虹桥火车站，换乘高铁至苏州园区站或苏州站，再转公交或乘坐出租车	Take the Maglev Train from Pudong Airport to Longyang Road Station, transfer to Metro Line 2 to Hongqiao Railway Station, then take a high-speed train to Suzhou 从浦东机场乘坐磁浮列车至龙阳路站，换乘地铁 2 号线至虹桥火车站，再乘坐高铁至苏州
Airport Shuttle 机场大巴	Take the Shuofang Airport shuttle bus directly to the Suzhou Conference Center 从机场搭乘硕放机场大巴直达苏州市会议中心	Some airport shuttle buses go directly to Suzhou, with stops at Suzhou Industrial Park or downtown, then transfer	Pudong Airport offers direct long-distance coach services to Suzhou 浦东机场有直达苏州的长途客运专线

		部分机场大巴直达苏州，可在苏州园区或市区下车后转乘	
Recommendation 推荐理由	Relatively close, suitable for international flights or passengers departing from Wuxi 距离较近，适合国际航班或从无锡出发的旅客	More flight options, suitable for international or domestic long-distance travelers 航班选择多，适合国际或国内长途旅客	Suitable for international flights or passengers departing from Shanghai Pudong 适合国际航班或从上海浦东出发的旅客

Onsite Conference Rooms Information

CB-Central Building 中心楼

Activities	Room	May 14	May 15	Level
Sign-in & Materials Collection	Lobby of Central Building (G23W Hall)	★	★	G
Opening Ceremony	G23W		★	
Keynote Speeches	G23W		★	
Workshop	G23W		★	

IA-International Academic Exchange and Collaboration Centre

国际学术交流中心

Journal Editor-in-Chief Meeting

*Take the elevator and press the corresponding level number

Activities	Room	May 14（14:00 - 15:00）	Level
British Journal of Educational Technologies -BJET	IA103	★	1
European Journal of Education - Wiley	IA107	★	
Australasian Journal of Educational Technology -AJET	IA121	★	

Parallel Sessions Rooms

*Take the elevator and press the corresponding level number

Activities	Room	May 15 (14:00-16:45)	Level
Track 1 - Session 1	IA125	★	1
Track 1 - Session 2	IA107	★	
Track 1 - Session 3	IA111	★	
Track 2 - Session	IA123	★	
Track 3 & Track 5 - Session	IA103	★	
Poster Sessions	IA LEVEL1 Hall	★	
Track 4 - Session 3	IA109	★	
Special session- Innovative Technologies and Emerging Trends in Transnational Education	IA121	★	

HS - Humanities and Social Sciences Building

人文和社科楼

Parallel Sessions Rooms

*Take the elevator and press the corresponding level number

Activities	Room	May 15 (14:00-16:45)	Level
Track 1 - Session 4	HS338	★	3
Track 4 - Session 1	HS124	★	1
Track 4 - Session 2	HS222	★	2
Track 4 - Session 4	HS336	★	3
AI and Education Practice Presentation Session - Session	HS422	★	4

Online Conference Rooms Information

All Online Rooms Password: 202505

Time	Activities	Zoom ID
May 14	Online Test	Zoom ID: 842 7941 1368
May 15	Opening Ceremony	Zoom ID: 842 7941 1368
	Keynote Speeches	
	Workshop	
	Track 3 & Track 5	Zoom ID: 858 3347 2573
	Special Session	Zoom ID: 863 7853 0485
May 16	Track 1 Online Session 1	Zoom ID: 842 7941 1368
	Track 1 Online Session 2	
	AI and Education Practice Presentation Session -Online Session	
	Track 2.3.5- AI and Global Harwell	Zoom ID: 811 4426 7261
	Track 4 Online Session 3	
	Track 4 Online Session 1	Zoom ID: 893 2150 3640
	Track 4 Online Session 2	
	RC4AIED Special Session	Zoom ID: 831 4798 4978

Conference Agenda

Conference Photo Live Stream

会议照片直播

ICAIE Conference Program

会议日程

Program Overview

Wednesday May 14		Thursday May 15	Friday May 16
		09:00-09:10 Opening Ceremony Keynote Speech 1	09:30-12:00 Virtual Parallel Sessions
(Online) 10:00-12:00 Zoom Testing	(Onsite) 10:00-16:30 Sign-in and Materials Collection	09:10-10:30 Keynote Speeches 2-5	
		10:30-11:00 Group Photo & Coffee Break	
		11:00-12:20 Keynote Speeches 6-9	
		12:20-14:00 Lunch Break	12:00-13:30 Break
	14:00-15:00 Journal Editor-in-Chief Meeting	14:00-16:45 Parallel Sessions Keynote Speeches 10-11 Poster Sessions	13:30-14:58 Hybrid Parallel Session
(Online) 14:00-18:00 Zoom Testing	15:30-17:00 Campus Visit	16:45-17:00 Coffee Break	13:30-18:00 Virtual Parallel Sessions
		17:00-18:00 BERA Workshop (Hybrid)	
		18:30-20:30 Banquet and Onsite Awards Ceremony	

Conference Agenda

*All times are Chinese Standard Time (UTC+8).

* All Online Rooms Password: **202505**

Day 1 – Wednesday, May 14

Time	Activity	Venue
10:00 – 16:30	Onsite Sign-in & Materials Collection for Onsite Authors	Lobby of Central Building (G23W Hall)
14:00 - 15:00	Onsite Journal Editor-in-Chief Meeting	
	British Journal of Education Technology (BJET) Manolis Mavrikis, University College London, UK *Editor of British Journal of Educational Technologies*	IA103
	European Journal of Education (Wiley) Gurpinder Singh Lalli, University of Wolverhampton, UK *Editor-in-Chief for European Journal of Education (Wiley)*	IA107
	Australasian Journal of Educational Technology (AJET) Henk Huijser, Queensland University of Technology, Australia *Lead Co-Editor of the Australasian Journal of Educational Technology*	IA121
15:30 - 17:00	Onsite Campus Visit	Gather at G23W lobby at 15:10
10:00 – 12:00	Online ZOOM Test for Keynote Speakers, Invited Speakers, Committees, Session Chairs	Zoom ID: 842 7941 1368 ZOOM Link: https://us02web.zoom.us/j/84279411368
14:00 – 16:00	Online ZOOM Test for Track 1, Track 2, Track 3, Track 5 Online Presenters	Zoom ID: 842 7941 1368 ZOOM Link: https://us02web.zoom.us/j/84279411368
16:00-18:00	Online ZOOM Test for Track 4, Special sessions, Online Presenters	Zoom ID: 842 7941 1368 ZOOM Link: https://us02web.zoom.us/j/84279411368

Day 2 - Thursday, May 15

Opening Ceremony & Keynote Speeches

Host: Assoc. Prof. Na Li, Xi'an Jiaotong-Liverpool University, China

Time	Activity	Venue
09:00 - 09:10	**Opening Remarks** **Assoc. Prof. Na Li,** Xi'an Jiaotong-Liverpool University, China **Keynote Speech 1 (Onsite)** **Assoc. Prof. Na Li,**	

	ICAIE 2025 Conference Chair, Director of Digital Education, Co-Director of Research Centre for AI and Education, Academy of Future Education Xi'an Jiaotong-Liverpool University, China **Speech Title:** From Exploration to Impact: Early Insights into "Education + AI" through interdisciplinary collaboration	北校区 Central Building G23W Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368
09:10 - 09:30	**Keynote Speech 2 (Onsite)** **Prof. Youmin Xi,** *Executive President of Xi'an Jiaotong-Liverpool University* *Pro-Vice Chancellor of the University of Liverpool* *Senior Professor of Management at Xi'an Jiaotong University* Xi'an Jiaotong-Liverpool University, China **Speech Title:** XJTLU "Education + AI" Strategy: HeXie Mindset and Syntegrative Wisdom	
09:30 - 09:50	**Keynote Speech 3 (Onsite)** **Prof. Xiaojun Zhang,** *Chief Officer of Education at Xi'an Jiaotong-Liverpool University, Team Leader of Entrepreneur College (Taicang) Collective Leadership Team, Executive Dean of the Academy of Future Education, Principal Fellow of Higher Education Academy (PFHEA) in UK* Xi'an Jiaotong-Liverpool University, China **Speech Title:** Future Education Innovations in the Era of Artificial Intelligence: Explorations by Xi'an Jiaotong-Liverpool University	北校区 Central Building G23W Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368
09:50 - 10:10	**Keynote Speech 4 (Onsite)** **Prof. Eng Gee Lim,** *Fellow of IET, Fellow of and Engineers Australia* *Inaugural School Dean of Advanced Technology, Inaugural Director of AI University Research Centre* Xi'an Jiaotong-Liverpool University, China **Speech Title:** AI-Driven Educational Equity: Revolutionizing Project Allocation through Intelligent Predictive Models and Adaptive Algorithms	
10:10 - 10:30	**Keynote Speech 5 (Onsite)** **Assoc. Prof. Henk Huijser,** *Lead Co-Editor of the Australasian Journal of Educational Technology* Queensland University of Technology, Australia **Speech Title:** The central Gen AI dilemma: How do we guarantee that learning takes place?	
10:30 - 11:00	Group Photo & Coffee Break	
11:00 - 11:20	**Keynote Speech 6 (Online)** **Prof. Witold Pedrycz,** *IEEE Life Fellow* *Editor-in-Chief of Information Sciences* *Editor-in-Chief of WIREs Data Mining and Knowledge Discovery (Wiley)* *Co-editor-in-Chief of Int. J. of Granular Computing (Springer) and J. of Data Informat*	

	University of Alberta, Canada **Speech Title:** Data – Knowledge Development Environment of Machine Learning	
11:20 - 11:40	**Keynote Speech 7 (Online)** **Dr. Jinhee Kim,** *Consultant at the UNESCO International Bureau of Education in Switzerland, Program Specialist at the APEC e-Learning Training Center in South Korea and Central American Bank for Economic Integration in Honduras* Old Dominion University, USA **Speech Title:** Reimagining Education: Advancing human-AI Collaboration for Meaningful Learning	北校区 Central Building G23W Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368
11:40 - 12:00	**Keynote Speech 8 (Onsite)** **Prof. Manolis Mavrikis** *Editor of the British Journal of Educational Technology, Director of AI and Education at the UCL Centre of Digital Innovation* University College London, UK **Speech Title:** Designing for agency in edtech: aligning AI with human values	
12:00 - 12:20	**Keynote Speech 9 (Onsite)** **Prof. Gurpinder Singh Lalli,** *Editor-in-Chief for European Journal of Education (Wiley), PFHEA* University of Wolverhampton, UK **Speech Title:** How can Comparative International Education (CIE) scholars and practitioners can use AI to decolonize research and practice in CIE?	
12:20 - 14:00	Break & Lunch	Xijiao-University of Liverpool International Conference Center SUYUEXUAN 1F 西交利物浦国际会议中心 苏粤轩中餐厅 一楼
14:00 – 14:20	AI and Global Harwell Keynote Speech **Keynote Speech 10 (Online)** **Prof. Tak-Wai Chan,** *Chair Professor at Central University* Central University, Taiwan, China **Speech Title:** Two Grand Challenges for Education and Humanity: The Global Harwell Goal and the General Artificial Companions Hypothesis	IA103 Zoom ID: 858 3347 2573 Zoom link: https://us02web.zoom.us/j/85833472573
14:00 – 14:20	Special session: Innovative Technologies and Emerging Trends in Transnational Education **Keynote Speech 11 (Onsite)** **Delon Chai,** *Associate Director of Learning and Teaching* Curtin University, Malaysia	IA121 Zoom ID: 863 7853 0485 Zoom link: https://us02web.zoom.us/j/86378530485

	Speech Title: Not just DEI: Why UDL is the Key to Real Inclusion in Education	
14:00 - 16:45	Onsite Parallel Sessions	IA & HS
14:00 - 16:45	Poster Sessions	IA LEVEL1 Hall
16:45 - 17:00	Coffee Break	Central Building G23W Lobby
17:00 - 18:00	**British Educational Research Association Workshop: Advancing AI and Digital Education** Speech Title: Generative AI and Educational Advancement – UK Higher Education Perspectives Onsite: Dr. Nashwa Ismail, University of Liverpool, UK Online: Dr. Felix Kwihangana, Kings College London, UK Jennifer Crowdy, University of Winchester, UK	北校区 Central Building G23W Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368
18:30 - 20:30	Banquet and Onsite Awards Ceremony	Xijiao-University of Liverpool International Conference Center Ball Room 2F 西交利物浦国际会议中心 慧杰圣地厅 2F

Day 3 - Friday, May 16

Time	Activity	Venue
9:30-12:02	Track 1 Online Session 1	Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368
9:30-12:14	Track 2.3.5- AI and Global Harwell	Zoom ID: 811 4426 7261 Zoom link: https://us02web.zoom.us/j/81144267261
9:30-12:02	Track 4 Online Session 1	Zoom ID: 893 2150 3640 Zoom link: https://us02web.zoom.us/j/89321503640
13:30-15:50	Track 1 Online Session 2	Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368
13:30-15:50	Track 4 Online Session 3	Zoom ID: 811 4426 7261 Zoom link: https://us02web.zoom.us/j/81144267261

13:30-16:02	Track 4 Online Session 2	Zoom ID: 893 2150 3640 Zoom link: https://us02web.zoom.us/j/89321503640
13:30-14:58	RC4AIED Special Session	IA121 Zoom ID: 831 4798 4978 Zoom link: https://us02web.zoom.us/j/83147984978
15:50-17:50	AI and Education Practice Presentation Session -Online Session	Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368

#西交利物浦大学

Keynote Speeches

Conference Photo Live Stream

会议照片直播

ICAIE Conference Program

会议日程

Keynote Speakers

Assoc. Prof. Na Li

ICAIE 2025 Conference Chair, Director of Digital Education, Co-Director of Research Centre for AI and Education, Academy of Future Education

Xi'an Jiaotong-Liverpool University, China

Speech Time: 09:00 - 09:10, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: From Exploration to Impact: Early Insights into "Education + AI" through interdisciplinary collaboration

Abstract: In its first year of establishment, the Research Centre for AI and Education (RC4AIED) at Academy of Future Education (AoFE) within Xi'an Jiaotong-Liverpool University (XJTLU) has been exploring the potential of AI to address real-world educational challenges through interdisciplinary collaboration. With over 150 members from more than 20 disciplines, the center has focused on understanding how AI can break down traditional academic boundaries and foster innovative, integrated solutions for complex educational problems. This keynote will share early insights from our ongoing projects, reflect on the challenges faced, and discuss how we aim to move from exploration to impactful, AI-driven solutions in education.

Bio: Dr Na Li is the conference chair of ICAIE 2025. She is an Associate Professor, Director of the MSc Digital Education Programme in the Department of Educational Studies, and Co-director of the Research Centre for AI and Education within the Academy of Future Education at Xi'an Jiaotong-Liverpool University. As a Senior Fellow of Advance HE (SFHEA), Associate Editor of the Australasian Journal of Educational Technology (AJET) and the European Journal of Education (EJED) and Editorial Board Member of the British Journal of Educational Technology (BJET), and a leading guest editor for BJET's 2024-2025 special issue on AI and emotions in education, guest editor for Developing Academic Practice (DAP)'s 2024-2025 special issue on AI in learning and teaching, her research focusing on interdisciplinary studies and educational technology innovations such as Virtual Learning environments (VLE/LMS), Artificial Intelligence in Education (AIED), and Digital Game-based Learning (DGBL). Research profile: https://www.researchgate.net/profile/Na-Li-120

Prof. Youmin Xi

Executive President of Xi'an Jiaotong-Liverpool University

Pro-Vice Chancellor of the University of Liverpool

Senior Professor of Management at Xi'an Jiaotong University

Xi'an Jiaotong-Liverpool University, China

Speech Time: 09:10-9:30, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: XJTLU "Education + AI" Strategy: HeXie Mindset and Syntegrative Wisdom

Abstract: In response to the transformative wave of the digital and AI era, XJTLU has launched its "Education + AI" strategy to reimagine education for the future. This talk will outline the strategic framework, core pillars, and current achievements of the initiative, emphasising how AI is being integrated not merely as a tool, but as a catalyst for profound educational reform.

Beyond technological advancement, the true key to success lies in two foundational elements: the HeXie Mindset and Syntegrative Wisdom. Under the guidance of this philosophical methodology, human wisdom and digital intelligence are not simply co-existing, but are deeply integrated to form a higher-order fusion of intelligences. This Syntegrative Wisdom enables education to move beyond efficiency and automation, towards fostering creativity, adaptability, and meaningful learning within a continuously evolving system.

Bio: Executive President of Xi'an Jiaotong-Liverpool University, Pro-Vice Chancellor of the University of Liverpool, and Senior Professor of Management at Xi'an Jiaotong University. Through logical training in physics at the undergraduate level, a holistic perspective from systems engineering at the master's level, and a humanistic approach in management at the doctoral level, Professor Xi Youmin founded the Theory of HeXie Management (1985). He led the establishment and innovative development of Xi'an Jiaotong-Liverpool University (2006), with a continued dedication to management and education. He has published over 30 books, more than 300 papers, received over 10 provincial and ministerial-level awards for research achievements, supervised nearly 200 graduate students, and earned numerous national honours, including the "China Youth Scientist Award." He also serves as Co-President of the Chinese Society for Management Modernization and Chair of the Ministry of Education's Business Administration Education Steering Committee.

Prof. Xiaojun Zhang

Chief Officer of Education at Xi'an Jiaotong-Liverpool University, Team Leader of Entrepreneur College (Taicang) Collective Leadership Team, Executive Dean of the Academy of Future Education, Principal Fellow of Higher Education Academy (PFHEA) in UK

Xi'an Jiaotong-Liverpool University, China

Speech Time: 09:30 - 09:50, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Future Education Innovations in the Era of Artificial Intelligence: Explorations by Xi'an Jiaotong-Liverpool University

Abstract: The rapid advancement of artificial intelligence presents significant challenges to the current educational system, and call for radical change of the education philosophy and system. This speech will discuss the reshaping of fundamental logic of future education, highlighting three key issues in building the new future education models, including lifelong development oriented rather than knowledge oriented, reshape the learning environment integrating real and virtual world, and interest-driven individualized learning system. I will share the practice of Xi'an Jiaotong-Liverpool University in exploring future educations in these three areas.

Bio: Dr Xiaojun Zhang got his PhD degree at Xi'an Jiaotong University. He joined Xi'an Jiaotong-Liverpool University as the Deputy Director of Institute of Leadership and Education Advanced Development (ILEAD) in 2013, which was created by him under the support of university leaders. Now Xiaojun is Chief Officer of Education at Xi'an Jiaotong-Liverpool University and Team Leader of Entrepreneur College (Taicang) Collective Leadership Team. He also takes roles including inaugural Executive Dean of the Academy of Future Education, and Acting Dean of Entrepreneurship and Enterprise Hub.

Xiaojun is an edupreneur who initiated all the four units within the Academy of Future Education. He was appointed as Head of ILEAD in 2017 when ILEAD became a department of Education. He restructured the faculty development centre at XJTLU and built the team of Educational Development Unit (EDU) in 2018. The Department of Educational Studies (EDS) was created by Xiaojun in 2019, and Learning Institute for Future Excellence (LIFE), as an innovative platform to support student transformation and global citizenship competence development at XJTLU, was created by him in 2021.

Dr Zhang led the development of several projects with national level impact. He created XJTLU National University Teaching Innovation Award in 2016, developed the Association for Sustainable Faculty Development in Higher Education in 2018 with more than 90 institutional members, and initiated the ILEAD Talk series established in more than 20 cities in China. Since August 2023, Xiaojun was appointed as Chief Officer of Education to lead on the educational development and innovation at XJTLU, and in particular to facilitate the exploration of syntegrative education as team leader of XJTLU Entrepreneur College (Taicang).

Dr Zhang is a Principal Fellow of Higher Education Academy (PFHEA) in UK.

One of Xiaojun's current work focuses on educating the educators in universities, including teachers, professionals, and institutional leaders and managers. He has developed many professional development programmes for educational practitioners across the country. His programmes were attended by more than 15,000 staff from more than 500 Chinese universities. Since 2013 he has been invited for more than 200 speeches for educational practitioners and researchers on the topic of education and teaching innovation. Xiaojun created one of the most influential community for teaching innovation in China: XJTLU National University Teaching Innovation Award. More than 4,250 innovative teachers from 500 Chinese universities applied for this award since 2016. Every year there are millions of online visits to this events, and there has accumulated more than 500 excellent teaching innovation cases.

Dr Zhang's research area includes institutional change and institutional logics; Educational leadership; Internationalization in Higher Education, especially the Sino-foreign Cooperative universities; Future education in the AI era; Syntegrative Education; University transformation and teaching innovation, in particular research-led learning and teaching; student-centred education; student transition etc. Dr Zhang welcomes PhD applications in these areas.

Xiaojun has published more than 100 academic papers and 5 books. His research focus on problems in practice and pay attention to practical implications. Most of his research has been adopted in his training programmes for higher education practitioners. One of his most recent books titled "University Transformation: From Teacher Dominated to Student-Centred" published by Tsinghua University Press is a guidebook for education practitioners who want to transform their education. Xiaojun proposed the "diamond model" of teaching innovation in AI era and highlighted ten key directions of teaching innovation in his another recently published book "Future-oriented Teaching Innovation" by Economic and Management Press.

Prof. Eng Gee Lim

Fellow of IET, Fellow of and Engineers Australia

Inaugural School Dean of Advanced Technology, Inaugural

Director of AI University Research Centre

Xian Jiaotong-Liverpool University, China

Speech Time: 09:50 - 10:10, May 15, 2025 (UTC+8)

Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: AI-Driven Educational Equity: Revolutionizing Project Allocation through Intelligent Predictive Models and Adaptive Algorithms

Abstract: In this 20-minute keynote, we will explore the transformative potential of artificial intelligence in reshaping educational resource allocation. Traditional project assignment methods—rigid, impersonal, and prone to bias—fail to address the unique strengths, preferences, and evolving needs of students. This talk introduces a groundbreaking framework that combines multimodal data analysis, self-learning predictive models, and fairness-optimized algorithms to create a dynamic, student-centered allocation system. We will discuss about the limitations of conventional approaches and the urgent need for innovation in educational equity. Drawing from machine learning and deep learning techniques, our project aim to unveil an adaptive predictive model that continuously refines its understanding of student profiles—from academic backgrounds to hidden talents. The discussion then shifts to a novel allocation algorithm that balances personalization with systemic fairness, ensuring optimal matches between students and projects while mitigating resource mismatches. This presentation is essential for educators seeking data-driven strategies, technologists exploring ethical AI applications, and policymakers committed to reducing educational disparities. Leave with actionable insights on harnessing intelligent systems to turn "one-size-fits-all" education into "every-student-thrives" reality.

Bio: Professor Eng Gee Lim received the BEng(Hons) and PhD degrees in Electrical and Electronic Engineering from the UK. Prof. Lim worked for Andrew Ltd, a leading communications systems company in the United Kingdom from 2002 to 2007. Since August 2007, Prof. Lim has been at Xian Jiaotong-Liverpool University, where he was formally the head of EEE department and Associate Vice President (Research and Impact). Now, he is inaugural School Dean of Advanced Technology, inaugural director of AI university research centre and also professor in department of Electrical and Electronic Engineering. He has published over 300 refereed international journals and conference papers. His research interests are Artificial Intelligence, robotics, AI+ Health care, Future Education, Management in Higher Education, international Standard (ISO/ IEC) in Robotics, antennas, RF/microwave engineering, EM measurements/simulations, energy harvesting, power/energy transfer, smart-grid communication; wireless communication networks for smart and green cities. He is a charter engineer and Fellow of both IET and Engineers Australia. In addition, he is also a senior member of IEEE and Senior Fellow of HEA.

Assoc. Prof. Henk Huijser

Lead Co-Editor of the Australasian Journal of Educational Technology

Queensland University of Technology, Australia

Speech Time: 10:10 - 10:30, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: The central Gen AI dilemma: How do we guarantee that learning takes place?

Abstract: A couple of years since ChatGPT emerged, ongoing questions are being asked about how GenAI should be integrated into curricula and how we can ensure academic integrity. Both of these broad questions relate to a more fundamental dilemma: how do we guarantee that learning takes place? The dilemma arises from the idea that Gen AI needs to be incorporated into the curriculum, because our graduates need to stay current and employable upon graduation, which means they need to be able to demonstrate AI literacy (as part of the broader digital literacy). The same therefore applies to teachers, which raises the question: are teachers adapting fast enough to a Gen AI context?

On the other hand, Gen AI is in many ways about speed and efficiency, which creates many opportunities, but it also raises serious and fundamental questions about learning itself. Learning is not always about comfort and efficiency. It is sometimes very hard work and requires focus and repetition, which applies both to knowledge creation and to skill development. In this keynote presentation, I explore the implications of taking the hard work out of learning. In short what do we gain and what do we lose by allowing Gen AI to create for us? And if we think learning takes place in this process, how can we assure that it does?

Bio: Henk Huijser is an Associate Professor and Strategic Lead Educator Development and Recognition in the Learning and Teaching Unit at Queensland University of Technology. He has been an academic developer since 2005 in Australia, the Middle East and China. Henk is a Lead Co-Editor of the Australasian Journal of Educational Technology and an Associate Editor of the International Journal for Academic Development. He is Co-Author of Problem-based Learning into the Future (2017) and Co-Editor of Student Support Services (2022) and Technology-Enhanced Learning and the Virtual University (2023).

Prof. Witold Pedrycz

IEEE Life Fellow

Editor-in-Chief of Information Sciences

Editor-in-Chief of WIREs Data Mining and Knowledge Discovery (Wiley)

Co-editor-in-Chief of Int. J. of Granular Computing (Springer) and J. of Data Informat

University of Alberta, Canada

Speech Time: 11:00 - 11:20, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Data – Knowledge Development Environment of Machine Learning

Abstract: The unpreceded progress in Machine Learning (ML) can be attributed to an efficient use of masses of data as being recently exemplified through numerous constructs of LLMs and foundation models.

It becomes intriguing, though, that while exhibiting a heavy reliance on data, a role of knowledge in ML has not been clearly considered. In this talk, we advocate an ultimate importance of synthesizing a unified design knowledge-data (KD) of Machine Learning or KD-ML, for brief. As a new paradigm, KD-ML focuses on a prudent and orchestrated engagement of data and knowledge in the design practices in the area.

The fundamentals of the KD environment are formulated along with a historical perspective and the key highlights are identified. The issues of origin of problem-oriented knowledge, taxonomy of knowledge and the and its main features are discussed.

Data and knowledge arise at very different levels of abstraction with knowledge being formalized and represented at symbolic level. This constitutes a genuine challenge as data are predominantly numeric. We stress that in the development of a cohesive and unified framework of coping with data and knowledge in learning processes, one needs to reconcile highly distinct levels of abstraction (numeric-qualitative) and with this regard information granules play a pivotal role.

We offer a taxonomy of knowledge by distinguishing between scientific and common-sense knowledge and elaborate on a spectrum of ensuing knowledge representation scheme. In the sequel, the main categories of knowledge-oriented ML design are discussed including physics-informed ML (with the reliance of scientific knowledge), an augmentation of data driven models through knowledge-oriented constraints (regularization), a development of granular expansion of the data-driven model and ways of building ML models in the presence of knowledge conveyed by rules. When analyzing the proposed categories, it is also clearly explained how the

new ML environment helps avoid a detrimental effect of data blinding. Selected schemes of the KD unified environment and ensuing learning schemes are discussed including a study on LLM-based knowledge acquisition.

Bio: Witold Pedrycz (IEEE Life Fellow) is Professor in the Department of Electrical and Computer Engineering, University of Alberta, Edmonton, Canada. He is also with the Systems Research Institute of the Polish Academy of Sciences, Warsaw, Poland. Dr. Pedrycz is a foreign member of the Polish Academy of Sciences and a Fellow of the Royal Society of Canada. He is a recipient of several awards including Norbert Wiener award from the IEEE Systems, Man, and Cybernetics Society, IEEE Canada Computer Engineering Medal, a Cajastur Prize for Soft Computing from the European Centre for Soft Computing, a Killam Prize, a Fuzzy Pioneer Award from the IEEE Computational Intelligence Society, and 2019 Meritorious Service Award from the IEEE Systems Man and Cybernetics Society.

His main research directions involve Computational Intelligence, Granular Computing, and Machine Learning.

Dr. Jinhee Kim

Consultant at the UNESCO International Bureau of Education in Switzerland, Program Specialist at the APEC e-Learning Training Center in South Korea and Central American Bank for Economic Integration in Honduras

Old Dominion University, USA

Speech Time: 11:20 - 11:40, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Reimagining Education: Advancing human-AI Collaboration for Meaningful Learning

Abstract: Generative AI (GenAI) is transforming learning and teaching, playing diverse roles like tutor, coordinator, and even learning companion, while posing potential risks. Without thoughtful consideration of a range of different teaching and learning approaches underpinning AI, AIED is short of a plausible theory of change that can lead to a transformative change in education outcomes. Positioning AI in students' learning would thus require a shift towards education-first from AI-first based on a stronger theoretical and pedagogical grounding.

This presentation highlights the benefits and drawbacks of GenAI-assisted instruction in different domains, including academic writing, math, collaborative argumentation, and design tasks, identifying where it can and cannot be an effective learning partner, discusses future directions for advancing human-AI collaborative interactions for meaningful learning.

Bio: Dr. Jinhee Kim is an Assistant Professor in the Instructional Design and Technology (IDT) program at the Darden College of Education and Professional Studies. Before joining the faculty of ODU, she worked as a faculty at the Xi'an Jiaotong-Liverpool University in China, a consultant at the UNESCO International Bureau of Education in Switzerland, a program specialist at the APEC e-Learning training center in South Korea and Central American Bank for Economic Integration in Honduras.

Dr. Kim has research interests that intersect with the fields of learning sciences, human-computer interaction in education, instructional design, and education for international development, focusing on how to facilitate meaningful learning with advanced technologies. She is particularly interested in four research areas: (1) AI in Education, (2) Learning and teaching analytics, (3) Student-centered learning, and (4) Technology for Education and Development. Her ongoing projects include the students-AI interaction process on learning tasks, teacher-

AI team-teaching, AI for supporting multigrade classrooms in rural schools, AI for orchestrating socially shared regulation, and the development of multimodal predictive modeling of students' emotional responses. Her work has been published in major international academic journals such as Computer and Education, Educational Technology Research and Development (ETR&D), British Journal of Educational Technology, Journal of the Learning Sciences, Education and Information Technologies, Australasian Journal of Educational Technology, and Journal of Research on Technology in Education.

Prof. Manolis Mavrikis

Editor of the British Journal of Educational Technology,

Director of AI and Education at the UCL Centre of Digital Innovation

University College London, UK

Speech Time: 11:40 - 12:00, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Designing for agency in edtech: aligning AI with human values

Abstract: As various forms of Artificial Intelligence (AI) are becoming increasingly embedded in educational technologies, this talk argues for an agency-first approach. Drawing on examples from a series of funded projects in Artificial Intelligence in Education (AIED) and Learning Analytics (LA), the talk explores different facets of agency in the age of AI. I will examine how designs can either constrain or foster student and teacher agency and argue that AI alignment in education requires being explicit about what we value and challenge us all as researchers, designers, and developers to engage more with the needs and values of the learners and educators we aim to support.

Bio: Dr Manolis Mavrikis is Professor of Artificial Intelligence in Education at the UCL Knowledge Lab. With a research agenda spanning over 20 years, Manolis has contributed to the field through his involvement in various projects and partnerships with schools and third-sector organisations. His interests and expertise lie in the design and evaluation of interactive and adaptive environments for exploratory learning. Manolis is also one of the Editors of the British Journal of Educational Technology (BJET) and was director for the UCL Master's in Education and Technology. He is currently editor of the British Journal of Educational Technology and Director of AI and Education at the UCL Centre of Digital Innovation.

Prof. Gurpinder Singh Lalli

Editor-in-Chief for European Journal of Education (Wiley),

PFHEA

University of Wolverhampton, UK

Speech Time: 12:00 - 12:20, May 15, 2025 (UTC+8)
Onsite Room: 北校区 CB-Central Building G23w Online Room: 842 7941 1368 (Password: 202505)

Speech Title: How can Comparative International Education (CIE) scholars and practitioners can use AI to decolonize research and practice in CIE?

Abstract: This presentation aims to reflect on both ongoing and completed funded research projects on Comparative and International Education (CIE). The focus is on the implications of CIE on Artificial Intelligence (AI) in relation to developing approaches to research. The discussion then highlights teaching and CIE in relation to assessment, plagiarism and teaching and learning methods with AI in mind. Overall, the presentation aims to offer insights and ways of doing research and teaching in CIE with AI.

Bio: Dr Gurpinder Singh Lalli is a Professor in Education for Social Justice and Inclusion in the School of Education. He has an international track record of delivering funded research projects focused on inequality, inclusion, social justice and inequity in education. Gurpinder is an award winning researcher and has authored 4 books. These include Schools, Food and Social Learning (Routledge, 2019), School Farms: Feeding and educating children (Routledge, 2021), Schools, Space and Culinary Capital (Routledge, 2022) and Food Futures in Education and Society (Routledge, 2023). Gurpinder is Editor-in-Chief for European Journal of Education (Wiley), book series editor for Food and Cultures from the Global South (Peter Lang Publishing) and Sociological Perspectives on Food & Culture (Berghahn).

University profile website: https://researchers.wlv.ac.uk/Glalli

Prof. Tak-Wai Chan

Chair Professor at Central University

Central University, Taiwan, China

Speech Time: 14:00-14:20, May 15, 2025 (UTC+8)

Onsite Room: IA103 Online Room: 858 3347 2573 (Password: 202505)

Speech Title: Two Grand Challenges for Education and Humanity: The Global Harwell Goal and the General Artificial Companions Hypothesis

Abstract: Today's world faces challenges reminiscent of the ancient Spring and Autumn and Warring States periods in China—only now on a global scale. As educators, we must ask: Why education? What is its purpose? These questions urge us to reflect on the essence, values, and ultimate goals of education. The concept of Global Harwell—Harwell is a word integrating harmony and wellbeing—emerges as a universal aspiration aligned with UNESCO's Sustainable Development Goals. It emphasizes harmony at individual, societal, and global levels, fostering benevolence, equity, justice, and balance. In the Seamless AI World (SAIW), where AI, the metaverse, and advanced technologies redefine human experiences, General Artificial Companions (GACs) are poised to play a pivotal role. These AI entities, capable of human-like interactions, can enhance learning, support teachers, and personalize education. However, their development must prioritize ethical considerations to avoid negative societal impacts.

The General Artificial Companions Hypothesis (GACH) suggests that GACs will significantly contribute to achieving Global Harwell, fostering harmonious coexistence and enhancing individual and societal wellbeing. Education is key to shaping a future where humans and AI co-create a world rooted in harmony and wellbeing. As AI continues to evolve, it is imperative to ensure that technology serves humanity's highest values, guiding us toward a sustainable and harmonious future. This talk explores how the concepts of Global Harwell and General Artificial Companions may co-shape the future of education and humanity.

Bio: Tak-Wai Chan is a National Chair Professor at National Central University in Taiwan. A visionary in the field of digital learning, he originated the concept of AI learning companions and developed a prototype in 1988. By 1992, he built the world's first dedicated networked learning system for collaborative learning and competitive learning games. In 2000, he established EduCity, the largest online learning community in the world, reaching 1.5 million users by 2004. In the 2000s, he was at the forefront of research on intelligent classrooms, one-to-one technology-enhanced learning, and mobile learning. Collaborating with international researchers, he proposed the notion of Seamless Learning in 2006, describing the crucial impact of the Internet on learning. To

support the long-term transformation of Asian education from examination-driven to interest and creation-driven, he developed the Interest-Driven Creator (IDC) Theory with Asian scholars in 2018. Recently, in response to the rising frequency of global conflicts and unprecedented challenges confronting humankind, he has been promoting the concept of Global Harwell (a term combining 'harmony' and 'wellbeing') alongside international researchers, as a possible universally shared educational goal. Moreover, he proposed the General Artificial Companions Hypothesis as the paramount goal and a grand challenge of AI technology for humanity. Additionally, over his career, Chan has been building various platforms for researchers and practitioners. He was a key co-founder of the ICCEs conference series in 1993 and the GCCCEs in 1997, playing a pivotal role in establishing APSCE in 2004 and GCSCE in 1999, along with their official journals RPTEL in 2006 and JLCE in 2014. As this field continues to grow, he has advocated recently for the development of APSCE's international theme-based conference series, in addition to the ICCE conference series. So far, his colleagues have established APSCE CTE-STEM, APSCE ICFULL, APSCE MetaACES, and APSCE ICLEA. In Taiwan, he founded the Graduate Institute of Network Learning Technology at National Central University in 2002, the Association for Reading for Tomorrow in 2016, and a mini experimental school based on IDC Theory in 2017. Furthermore, over the past ten years, he advocated for community building among local researchers by forming diverse Special Interest Groups (SIGs), which focus on different themes of digital learning research.

Delon Chai

Associate Director of Learning and Teaching

Curtin University, Malaysia

Speech Time: 14:00-14:20, May 15, 2025 (UTC+8)
Onsite Room: IA121 Online Room: 863 7853 0485 (Password: 202505)

Speech Title: Not just DEI: Why UDL is the Key to Real Inclusion in Education

Abstract: Diversity, Equity, and Inclusion (DEI) efforts have become central to institutional strategies, yet many initiatives remain reactive and surface-level. This session argues that achieving true inclusion requires a shift from accommodation to intentional design. Universal Design for Learning (UDL) offers a proactive framework that embeds flexibility, accessibility, and learner variability into the core of curriculum and pedagogy. By centering UDL, educators and institutions can move beyond the checkbox approach to DEI and create learning environments where all students are valued, engaged, and able to thrive.

Bio: Delon Chai is the Associate Director of Learning and Teaching at Curtin University Malaysia's School of Pre-U and Continuing Education (SPACE). He holds a Master's in Business Administration specialising in Finance and is currently pursuing a Doctorate in Business Administration alongside a Postgraduate Diploma in Education. With over 10 years of experience in academia, Delon has held various educational leadership roles, including serving as Head of Department of Foundation Studies and Chair of Learning and Teaching in SPACE. He is a Fellow of the Advance Higher Education Academy (Advance HE) and an Associate Fellow of the Higher Education Research and Development Society of Australasia (HERDSA). Delon has received multiple accolades for his contributions to teaching excellence, including the Curtin Excellence and Innovation in Teaching (Global) Award from Curtin Perth, Australia. His current research interest is in the area on diversity, equity, and inclusive practices in higher education, particularly in supporting underprivileged student groups

BREA Workshop

Conference Photo Live Stream

会议照片直播

ICAIE Conference Program

会议日程

BERA Workshop

British Educational Research Association Workshop: Advancing AI and Digital Education
Host: Rebecca Wakelin, Xi'an Jiaotong-Liverpool University, China
Time: 17:00-18:00, May 15, 2025
Onsite Room: Central Building G23W
Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368 (Password: 202505)

Speech Title: Generative AI and Educational Advancement – UK Higher Education Perspectives

Abstract: Generative AI (GAI) is driving significant advancements in education, reshaping teaching, learning, and assessment in Higher Education (HE). These advancements offer global insights into how GAI tools can be effectively integrated into diverse teaching and learning (T&L) contexts and their impact on the efficacy of learning. Local perspectives about GAI in T&L provide valuable frameworks and innovations. Moreover, international perspectives promote collaboration, drive innovation, and enhance the overall effectiveness of GAI adoption in education. This interactive panel, convened by Special Interest Group (SIG) convenors from the British Educational Research Association (BERA), brings together representatives from UK Higher Education Institutions (HEIs) to showcase how GAI is being integrated into academic practices. Each panel member will present insights from their institutional context, addressing key themes such as pedagogical innovation, academic integrity, student engagement, and faculty development. The discussion will critically examine institutional policies, ethical dilemmas, and the implications of GAI on curriculum design and assessment strategies. The session is designed to be highly interactive, incorporating audience engagement throughout. A live Q&A will be embedded within the discussion, encouraging participants to reflect on how educators can navigate the complexities of GAI adoption while maximizing its benefits.

Introduction
Dr. Nashwa Ismail, University of Liverpool, UK

Icebreaker Activity
Audience

Speaker 1 Presentation
Dr. Felix Kwihangana, Kings College London, UK

Speaker 2 Presentation
Jennifer Crowdy, University of Winchester, UK

Speaker 3 Presentation
Dr. Nashwa Ismail, University of Liverpool, UK

Q & A / Group Discussion
Audience & Speakers

Dr. Nashwa Ismail

Fellow of Advance HE and Digital Education group convenor for the British Educational Research Association (BERA)

University of Liverpool, UK

Onsite Room: Central Building G23W Zoom ID: 842 7941 1368 (Password: 202505)

Bio: Dr. Nashwa holds an MSc and PhD from the University of Southampton. She is a Fellow of Advance HE and Digital Education group convenor for the British Educational Research Association (BERA). Currently, she is a lecturer in Digital Education and Innovation at the University of Liverpool, UK. Her expertise lies in Technology-Enhanced Learning (TEL), with a particular focus on Artificial Intelligence (AI) and Games-Based Learning (GBL). Dr. Nashwa has extensive international experience, including work in the Global South, to equip academics with the skills and knowledge required to integrate technology including AI into teaching and research effectively.

Dr. Felix Kwihangana

Kings College London, UK

Onsite Room: Central Building G23W Zoom ID: 842 7941 1368 (Password: 202505)

Bio: Dr Felix is a Senior Lecturer in Transnational Education at Kings College London. His research and teaching focus on the educational use of digital technologies, especially teacher education and digital technologies in under-resourced contexts. He is also co-leading the Digital Inequalities strand of the Digital Technology, Communication & Education research group (DTCE RSG) at Manchester.

Jennifer Crowdy

PhD Convenor for the British Educational Research Association (BERA)'s Digital Education Special Interest Group,

Peter Gosden Fellow for the History of Education Society

University of Winchester, UK

Onsite Room: Central Building G23W Zoom ID: 842 7941 1368 (Password: 202505)

Bio: Mrs Jennifer Crowdy is a final year PhD student and Senior Digital Ambassador at the Faculty of Education and the Arts, University of Winchester. Her research is on 'rethinking the concept of creativity in technology education through 'philosophies of the encounter''. Alongside her studies, from 2022-2024 Jennifer created and co-led the Winchester Digital Academy Pilot Programme, where students from all backgrounds and modes of study learnt and harnessed the latest trends and development in digital education and AI. She is also a former successful content creator, who created live educational and edutainment content on the broadcasting platform Twitch. Jennifer is the PhD Convenor for the British Educational Research Association (BERA)'s Digital Education Special Interest Group, and is currently the Peter Gosden Fellow for the History of Education Society. She also currently works as a Personal Assistant for the University of Winchester's Dean of Health & Wellbeing. Jennifer has worked in state education since 2011, with a wealth of experience teaching all phases of educational life with a technology specialism.

Invited Speeches

Conference Photo Live Stream

会议照片直播

ICAIE Conference Program

会议日程

Invited Speakers

Prof. Xiangjie Kong

Vice Dean in the College of Computer Science & Technology, Distinguished Member of CCF

Zhejiang University of Technology, China

Speech Time: 16:00-16:20, May 15, 2025 (UTC+8)
Onsite Room: IA109

Speech Title: Knowledge and Data Driven Computational Social Science: From Academic Networks to Urban Networks

Abstract: The rapid development of technologies such as online social networks, intelligent monitoring, automatic data collection, intelligent sensing, and high-performance computing in recent years has contributed to the explosive growth of big data. The accessibility of various types of human-related data has significantly influenced the research topics and methods that researchers focus on. These data allow for traditional social issues to be studied from new perspectives and enable the discovery of more social phenomena. Simultaneously, the availability of data has led to the emergence of new research topics or methods. As a result, exploring research topics in the field of computational social science, which centers on knowledge and data, has garnered increasing attention. Traditional methods for retrieving empirical data to analyze issues in the social sciences often rely on manual processes, such as human resource surveys, which are not only resource-intensive but also prone to significant inaccuracies due to human error or inherent limitations. Data-driven computational social science uses mathematical theories and data processing and analysis techniques from computer science to address these social issues. This approach has attracted widespread attention and recognition from research institutions and scholars in disciplines such as computer science, network science, data science, management science, social science, behavioral science, and physics. This report will introduce some relevant research efforts in computational social science based on academic big data and urban big data, taking the fields of academic collaboration and smart cities as examples.

Bio: Xiangjie Kong is currently a Full Professor and Vice Dean in the College of Computer Science & Technology, Zhejiang University of Technology (ZJUT), China. Previously, he was an Associate Professor in School of Software, Dalian University of Technology (DUT), China, where he was the Head of the Department of Cyber Engineering. He is the Founding Director of City Science of Social Computing Lab (The CSSC Lab) (http://cssclab.cn/). He is/was on the Editorial Boards of 6 International journals. He has served as the General Chair or Program Chair of more than 10 conferences. Dr. Kong has authored/co-authored over 200 scientific papers in international journals and conferences including IEEE TKDE, IJCAI, ACL, IEEE TMC, ACM CSUR, ACM TKDD, IEEE TNSE, IEEE TII, IEEE TITS, IEEE NETW, IEEE COMMUN MAG, IEEE TVT, IEEE IOJ, IEEE

TSMC, IEEE TETC, IEEE TASE, IEEE TCSS, ACM TSON, ACM TSAS, WWWJ, etc.. 5 of his papers is selected as ESI- Hot Paper (Top 1‰), and 20 papers are ESI-Highly Cited Papers (Top 1%). His research has been reported by Nature Index and other medias. He has been invited as Reviewers for numerous prestigious journals including IEEE TKDE, IEEE TMC, IEEE TNNLS, IEEE TNSE, IEEE TII, IEEE IOTJ, IEEE COMMUN MAG, IEEE NETW, IEEE TITS, TCJ, JASIST, etc.. Dr. Kong has authored/co-authored three books (in Chinese). He has contributed to the development of 14 copyrighted software systems and 30 filed patents. He has an h-index of 53 and i10-index of 131, and a total of more than 9700 citations to his work according to Google Scholar. He is named in the 2019 - 2024 world's top 2% of Scientists List published by Stanford University. He is named in the 2022-2024 Best Computer Science Scientists List published by Research.com. Dr. Kong received IEEE Vehicular Technology Society 2020 Best Land Transportation Paper Award, IEEE CSCWD 2024 Best Paper Award, and The Natural Science Fund of Zhejiang Province for Distinguished Young Scholars. He has been invited as Keynote Speaker at more thant 10 international conferences, and delivered a number of Invited Talks at international conferences and many universities worldwide. His research interests include big data, network science, and computational social science. He is a Distinguished Member of CCF, a Senior Member of IEEE, a Full Member of Sigma Xi, and a Member of ACM.

Prof. Xiwen Zhang

Beijing Language and Culture University, China

Speech Time: 13:30-13:50, May 16, 2025 (UTC+8)
Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Intelligently Recognizing Digital Ink Chinese Text by Junior International Students

Abstract: Chinese characters have complex structures. Their writing plays an import role in learning Chinese. Junior international students can use digital pen to record their handwriting as digital ink. Various information can be extracted from the digital ink text, such as text line, Chinese characters, stroke errors, shape normalization.

Digital ink is a new media compared with digital image and digital video. It is captured from handwriting and freehand drawing using digital pen. Point samples are captured by digital pens, containing positions, time stamp, and pressures. A stroke is a list of sampling points from pen down and movement to pen up. A list of strokes consists of a digital ink. Digital ink Chinese text are stroke sets, have neither text line, nor Chinese characters.

Digital ink Chinese texts written by junior international students contain many information including errors and unnormal issues. It is difficult to recognize them. We proposed some intelligent methods to extract information, such as adaptive segmentation based on statistics analysis, classification using machine learning and deep learning, stroke matching using Genetic Algorithm, evaluating the normalization for entire characters and their components using knowledge bases. With developing new intelligent methods and collecting more data, more valued information can be extracted.

Bio: XiWen Zhang is currently a full professor of Digital Media Department, School of Information Science, Beijing Language and Culture University.

Prof. Zhang worked as an associated professor from 2002 to 2007 at the Human-computer interaction Laboratory, Institute of Software, Chinese Academy of Sciences. From 2005 to 2006 he was a Post doctor advised by Prof. Michael R. Lyu in the Department of Computer Science and Engineering, the Chinese University of Hong Kong. From 2000 to 2002 he was a Post doctor advised by Prof. ShiJie Cai in the Computer Science and Technology department, Nanjing University.

Prof. Zhang's research interests include pattern recognition, computer vision, and human-computer interaction, as well as their applications in digital image, video, and ink. Prof. Zhang has published over 60 refereed journal

and conference papers. His SCI papers are published in Pattern Recognition, IEEE Transactions on Systems Man and Cybernetics B, Computer-Aided Design. He has published more than twenty EI papers.

Prof. Zhang received his B.E. in Chemical equipment and machinery from Fushun Petroleum Institute (became Liaoning Shihua University since 2002) in 1995, and his Ph.D. advised by Prof. ZongYing Ou in Mechanical manufacturing and automation from Dalian University of Technology in 2000.

Prof. Chuan-Ming Liu

Taipei University of Technology, Taiwan, China

Speech Time: 09:30-9:50, May 16, 2025 (UTC+8)
Online Room: 811 4426 7261 (Password: 202505)

Speech Title: Learned Indices for Spatial Data

Abstract: An index is a structure or organization on data for effectively managing data item in terms of time and space, such as hash tables, binary search trees, and B-trees. As the properties and types of data change over time, new appropriate indices for efficient management on data become more and more important and necessary. On the other hand, as the techniques of machine learning or deep learning advance, many applications using machine learning for a better performance have been explored. Recall the idea and objective of an index. The index now can be seen as a model in machine learning, which can locate the data item effectively by prediction. With this observation, a learned index, a model that considers the patterns and distributions of data, has been proposed to facilitate search processing. Some learned indices have been provided for one-dimensional data, including Range Index and Recursive Model Index (RMI). For multi-dimensional (or spatial) data, it is always a challenging work to have effective index structures. Some well-known spatial indices, like kd-trees, quad-trees, and R-trees, with their variants for improvement on the efficiency have been studied till now. It thus is interesting and worthy to study the learned indices on spatial (multi-dimensional) data for a better performance. In this talk, the learned indices will be introduced starting with the ones for one-dimensional data. We then focus on the learned indices for spatial data and present our learned indices based on index tree structures. With the learned indices as models, evaluation on preprocessing, training, prediction, error, as well as query processing for point, range and kNN queries will be addressed as well.

Bio: Dr. Chuan-Ming Liu is a professor in the Department of Computer Science and Information Engineering (CSIE), Taipei University of Technology (Taipei Tech), TAIWAN, where he was the Department Chair from 2013-2017. He received his Ph.D. in Computer Science from Purdue University in 2002 and joined the CSIE Department in Taipei Tech in the spring of 2003. In 2010 and 2011, he has held visiting appointments with Auburn University, Auburn, AL, USA, and the Beijing Institute of Technology, Beijing, China. He has services in many journals, conferences and societies as well as published more than 150 papers in many prestigious journals and international conferences. Dr. Liu was also the co-recipients of the best paper awards in many conferences, including ICUFN 2015, ICS 2016, MC 2017, WOCC 2018, MC 2019, WOCC 2021, TCSE 2022, and TANET 2023. His current research interests include data science, big data management, uncertain data management, spatial data processing, data streams, ad-hoc and sensor networks, location-based services.

Prof. Kasturi Vasudevan

Indian Institute of Technology Kanpur, India

Speech Time: 16:30-16:50, May 16, 2025 (UTC+8)
Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Turbo Coded OFDM-OQAM using Hilbert transform

Abstract: In this talk, we focus on the use of Hilbert transform in orthogonal frequency division multiplexing with offset quadrature amplitude modulation (OFDM-OQAM). A Nyquist pulse and its Hilbert transform is used as the transmit filter, resulting in single sideband modulation, that has roots in analog telecommunications. The transmitted signal has half the bandwidth of the regular QAM, enabling packing of twice the number of subcarriers (users) in a given bandwidth, compared regular QAM. The proposed method also uses T-spaced OQAM, where T is the symbol duration. At the receiver, a matched filter can be used with no intersymbol interference (ISI). In contrast, the approaches in the literature related to OFDM-OQAM use non-Nyquist pulses as well as T/2-spaced OQAM, resulting in ISI at the receiver. Turbo code is used to attain error-rates of 10^{-4} at signal-to-noise ratio (SNR) close to 0 dB.

Bio: Prof. Kasturi Vasudevan completed his Bachelor of Technology (Honours) from the department of Electronics and Electrical Communication Engineering, IIT Kharagpur, India, in the year 1991, and his MS and PhD from the department of Electrical Engineering, IIT Madras, in the years 1996 and 2000 respectively. During 1991–1992, he was employed with the Indian Telephone Industries Ltd, Bangalore, India, as Assistant Executive Engineer. He was a Post Doctoral Fellow at the Mobile Communications Lab, EPFL, Switzerland, between Dec 1999 and Dec 2000, and an engineer at Texas Instruments, Bangalore, between Jan 2001 and June 2001. Since July 2001, he has been a faculty at the Electrical department at IIT Kanpur, where he is now a full Professor. His interests lie in the area of telecommunications and signal processing. He has authored three books, namely, Digital Communications and Signal Processing, CRC Press, Analog Communications: Problems & Solutions, Springer and Basic Electronics: Problems & Solutions, Ane Books. He has published many articles in journals and conferences. He is a Senior Member of the IEEE and the Editor-in-Chief of Semiconductor Science and Information Devices, Bilingual Publishing, Singapore. He was nominated for the Marquis Who's Who Lifetime Achievement Award in 2019. He is a Reviewer for many journals and conferences.

Prof. Zhi Liu

Central China Normal University, China

Speech Time: 14:00-14:20, May 15, 2025 (UTC+8)
Onsite Room: IA125

Speech Title: Profiling students' learning engagement to identify learning achievement: An automated configurational approach

Abstract: In the Massive Online Open Course (MOOC) forum, learning engagement encompasses three fundamental dimensions—cognitive, emotional, and behavioral engagement—that intricately interact to jointly influence students' learning achievements. However, the interplay between multiple engagement dimensions and their correlations with learning achievement remain understudied, particularly across different academic disciplines. This study adopts an automated configurational approach that integrates bidirectional encoder representation from transformers (BERT) and fuzzy set qualitative comparative analysis (fsQCA) to explore the configurations of learning engagement, their connections with learning achievement, and variations across disciplines. Our analysis reveals a nuanced profile of learners' learning engagement, indicating the high-achieving individuals demonstrated more frequent posting and commenting behaviors and the high-level cognitive engagement than low-achieving individuals. Second, our analysis revealed multiple configurations where the coexistence or absence of factors at different levels of the cognitive, behavioral, and emotional dimensions significantly impacted learning achievement. Learners who conducted posting and replying behaviors, expressed positive emotions, and engaged in deep cognitive engagement tended to achieve superior learning outcomes. Third, there were significant differences in behavioral and emotional engagement among learners across different academic disciplines. Specifically, pure discipline learners were more inclined to engage in posting behaviors than the applied discipline learners. Across academic disciplines, positive emotions correlated strongly with higher achievement. These findings deepen our understanding of the multifaceted characteristics of learning engagement in MOOCs and highlight the importance of disciplinary distinctions, providing a foundation for educators and designers to optimize learners' MOOC effects and tailor learning experiences in diverse disciplinary contexts.

Bio: Zhi Liu is a senior fellow researcher and PhD supervisor at the National Engineering Research Center of Education Big Data, Faculty of Artificial Intelligence in Education, Central China Normal University. He also holds a position as a guest researcher at the Computer Science Institute, Humboldt University of Berlin. With deep expertise in educational data mining, learning analytics, and intelligent tutoring systems, Liu has published over 50 SCI/SSCI indexed papers in top journals, including Knowledge-Based Systems, Computers & Education, Internet and Higher Education, and IEEE Transactions on Learning Technologies. In addition, he serves as a

key member of the national expert database for graduate education evaluation, a peer review expert for the National Natural Science Foundation of China, and the principal investigator of National Natural Science Foundation and the National Key R&D Program of China (2030 Major Projects). Liu is actively involved in international academic communities, serving in various leadership roles including as the chair of the organizing committee for the ICET. He is a guest associate editor for the international journal Frontiers in Artificial Intelligence and sits on the editorial boards of Discover Education and Frontiers in Psychology, and holds the Lifetime Member status of the Chinese Association of Automation. His contributions have been widely recognized, earning him numerous awards including the First Prize of the Science and Technology Progress Award of Hubei Province in 2024, First Prize of the Teaching Achievement Award of Higher Education Institutions in Hubei Province in 2022, and the honor of being a Top 1% Highly Cited Scholar in China National Knowledge Infrastructure (CNKI) for 2024.

Prof. Jiuhong Yu

Ningbo University of Finance and Economics, China

Speech Time: 13:30-13:50, May 16, 2025 (UTC+8)
Online Room: 893 2150 3640 (Password: 202505)

Speech Title: Key technology research and industry demonstration application of AIGC technology intelligence services driven by knowledge data hybrid

Abstract: Professor Yu will focus on three issues in his speech:

Data: A hybrid knowledge industry data system adapted to large models, forming an intelligent analysis expression based on multi-dimensional full spectrum technology and industry reports.

Algorithm: A large model RAG intermediate layer method driven by mixed knowledge.

Platform: A new generation AIGC technology intelligence service demonstration platform, including intelligence mining models, knowledge retrieval and analysis, to support industrial application demonstrations of technology intelligence services.

Bio: Prof. Jiuhong Yu, the Deputy Director of the Academic Committee at Ningbo University of Finance and Economics, specializes in the fields of artificial intelligence and finance. He has led two national projects and five provincial and ministerial-level research projects, won five second-class provincial and ministerial-level science and technology progress awards, published more than 30 SCI/ CSSCI/EI-indexed papers, and has long served as a judge and mentor of the Ministry of Science and Technology's Innovation and Entrepreneurship Competitions.

Assoc. Prof. Khairul Azhar Bin Hj Mat Daud

Co-founder of Research Ideation Canvas (RIC@), Editor-in-Chief of International Journal of Creative Future and Heritage (TENIAT)

Universiti Malaysia Kelantan, Malaysia

Speech Time: 13:30-13:50, May 16, 2025 (UTC+8)
Online Room: 811 4426 7261 (Password: 202505)

Speech Title: ENHANCING ACADEMIC WRITING QUALITY THROUGH AI AND THE RIC FRAMEWORK WITH A QUANTITATIVE PATH MODEL USING PLS-SEM

Abstract: The rapid advancement of Artificial Intelligence (AI) has significantly influenced the way academic writing is conceptualised and executed, particularly in higher education. However, many researchers and postgraduate students still struggle with structuring their ideas and translating them into coherent, high-quality academic manuscripts. To address this challenge, the integration of AI applications with the Research Ideation Canvas (RIC) offers a new framework to support innovation and personalisation in academic writing. Previous studies have highlighted the potential of AI in enhancing writing productivity, language accuracy, and citation management. Separately, visual frameworks like RIC have been recognised for their ability to scaffold research thinking and improve clarity in early research stages. Yet, the lack of integration between cognitive structuring tools and intelligent writing aids remains a gap in current educational practice. This study aims to explore how the combined use of AI tools and the RIC framework can empower academic writing through a personalised and structured approach. Specifically, it investigates the extent to which this integration enhances idea generation, abstract formulation, and manuscript development among postgraduate students. Data were collected using a PLS-SEM methodology through a survey, which involved distributing a set of questionnaires to participants who attended a workshop on the integration of AI and RIC for preparing quality research papers. The data were analysed using PLS-SEM to identify patterns of engagement, challenges, and perceived benefits. Findings indicate that participants experienced increased clarity in research focus, improved confidence in writing, and greater engagement in the academic writing process. AI provided immediate feedback and linguistic enhancement, while RIC enabled systematic ideation and coherence. The synergy between both tools contributed to the production of more structured, relevant, and personalised research outputs. This study suggests that educators and institutions adopt an integrated AI-RIC model to support academic writing, particularly at the postgraduate level. The conclusion underscores the need for continuous training and ethical guidance to ensure that AI serves as a complement to, rather than a replacement for, critical academic thinking.

Bio: Assoc. Prof. Ts. Dr. Khairul Azhar Bin Hj Mat Daud is the Deputy Dean (Academic) at the Faculty of Creative Technology and Heritage, Universiti Malaysia Kelantan (UMK). He is also the co-founder of the Research Ideation Canvas (RIC@) and serves as the Editor-in-Chief of the International Journal of Creative Future and Heritage (TENIAT). With a Ph.D. in Educational Technology from Universiti Sains Malaysia (USM), Dr. Khairul Azhar has made significant strides in bridging the gap between education and technology, fostering innovation in teaching and learning. Dr. Khairul Azhar holds a Bachelor of Science in Mechanical Engineering (Manufacturing) from Universiti Teknologi Malaysia (UTM) and a Master's in Education. His deep understanding of educational technology was further developed through his doctoral research at USM, where he focused on the integration of technology to improve educational practices. As the head of the Creative Technology Research Group (RG CREATE), Dr. Khairul Azhar has been working toward transforming the group into a Centre of Excellence. His research is centered on the application of augmented reality (AR) to enhance technical education, specifically in engineering drawing and improving workplace safety compliance in the manufacturing sector. His work has earned recognition through numerous accolades, including the Gold Award at the 2016 UMK Research & Innovation Exhibition, as well as several Silver Awards at renowned events such as ITEX and PECIPTA. Additionally, he was awarded a scholarship for postgraduate training in Innovation and Entrepreneurship at Trinity College Dublin in 2014. Dr. Khairul Azhar is a dedicated mentor who inspires students and researchers alike. His innovative contributions continue to shape the field of educational technology, making a lasting impact on both academia and industry.

Assoc. Prof. A.Y.M. Atiquil Islam

Founder and Lead Editor of the book series Assessment of Educational Technology (AET) with Routledge Taylor & Francis Group

East China Normal University, China

Speech Time: 14:00-14:20, May 15, 2025 (UTC+8)
Onsite Room: IA107

Speech Title: Preprints in the ChatGPT Era: A Threat to the Credibility and Quality of AI Research?

Abstract: The rapid development of generative AI tools, such as ChatGPT, has sparked significant scholarly discussions on their potential use in various interdisciplinary fields. This talk will explore the surge in AI-related preprints since the introduction of ChatGPT, examining their implications for research quality and credibility. Drawing from a scoping review of AI-related preprints across multiple platforms (including Web of Science, ArXiv, MedRxiv, and others), this presentation will discuss the characteristics of these preprints, focusing on their accuracy, reliability, and the concerns raised by AI experts. The findings highlight the need for robust evaluation processes to ensure the integrity of AI-related research and promote open science objectives. Additionally, expert opinions emphasize the importance of maintaining ethical standards, author accountability, and clear content guidelines from publishers. The talk will conclude with a call for future research into the impact of AI-related preprints on decision-making in educational research and practice.

Bio: Assoc. Prof. A.Y.M. Atiquil Islam serves as the Director of the International Graduate Program in Educational Technology at East China Normal University. He is also a Guest Professor at the School of Teacher Education, Jiangsu University, and an Honorary Chair Professor at Shanghai Jian Qiao University. Dr. Islam earned a multidisciplinary PhD by integrating two faculties—Education and Computer Science & Information Technology—at the University of Malaya. With nearly 21 years of experience across academia, industry, and business, he has made significant contributions to his field. Notably, he developed and validated three influential models: the Technology Adoption and Gratification (TAG) Model, the Technology Satisfaction Model, and the Online Database Adoption and Satisfaction (ODAS) Model. An accomplished author, Dr. Islam has published nearly 100 papers in leading international journals and conferences. In the last two years, he authored two books published by the Taylor & Francis Group: The Technology Adoption and Gratification (TAG) Model and

Its Application and Applying the Rasch Model and Structural Equation Modeling to Higher Education. In addition to his academic roles, Dr. Islam is an Editorial Board Member of the British Journal of Educational Technology, Executive Editor of the International Journal of Smart Technology and Learning, and Editor of Cogent Education. Dr. Islam is particularly enthusiastic about leveraging his expertise in areas such as Artificial Intelligence in education, STEM education, and the Metaverse to inspire students, enhance teaching and learning experiences, and drive cutting-edge research initiatives.

Assoc. Prof. Jian Liao

Southwest University, China

Speech Time: 15:50-16:10, May 16, 2025 (UTC+8)
Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Enhancing Automatic Evaluation of Short Answer Using Large Language Models through In-Context Learning, Chain-of-Thought Prompting, and Stringent Coefficients

Abstract: This paper aims to optimize large language models for scoring short-answer questions in datasets. The study analyzed 4,500 short-answer responses sourced from an e-learning platform at a university, encompassing five academic disciplines, and assessed nine leading large language models. During the evaluation process, it was observed that the base models exhibited hallucination phenomena, which compromised score consistency. To address these issues, the researchers employed in-context learning and chain-of-thought prompting techniques as optimization strategies. The results indicated that these methods significantly improved model performance. Notably, while the chain-of-thought approach introduced greater stringency into the scoring process, discrepancies between machine and human grading still existed. The study proposes integrating stringent coefficients into the calculation process to address these remaining inconsistencies. The findings suggest that this integration can further enhance the reliability and consistency of model-generated scores.

Bio: Liao Jian is an Associate Professor at the School of Educational Technology, Southwest University. He serves as a master's thesis supervisor and holds a Ph.D. in Learning, Design, and Technology from Pennsylvania State University, as well as a Master's degree in Educational Technology from Beijing Normal University under the supervision of Professor Ronghuai Huang. His research interests include artificial intelligence supported teaching and learning, intelligent analysis of educational videos, and robot-assisted education. He has published over twenty journal articles, including three first-author papers in Chinese Academy of Sciences (CAS) 1st Quartile and more than ten CSSCI core journal articles, along with over thirty international conference papers. He leads a National Natural Science Foundation general project and participates in multiple national and provincial-level projects under the Ministry of Science and Technology's National Key R&D Program subtopics. Additionally, he serves as a reviewer for the international academic journals such as Computers & Education.

Assoc. Prof. Cong Wang

Member of IEEE, Member of IEEE Systems, Man, and Cybernetics Society

Northwestern Polytechnical University, China

Speech Time: 16:10-16:30, May 16, 2025 (UTC+8)
Online Room: 842 7941 1368 (Password: 202505)

Speech Title: Joint Feature-Driven Hyperspectral Image Super-Resolution Reconstruction

Abstract: With hyperspectral imaging increasingly deployed in remote-sensing reconnaissance, environmental monitoring, and ground-based security, the demand for high-resolution, high-fidelity hyperspectral data is growing rapidly. Yet the spatial resolution of acquired data remains constrained by current hardware and challenging imaging conditions, degrading both human visual perception and the performance of intelligent interpretation systems on high-level tasks such as detection and recognition. Owing to the manufacturing complexity and prohibitive expense of further miniaturizing detector pixels, hyperspectral image super-resolution (HSI-SR) has become a central research focus in computer vision. This report focuses on three canonical HSI-SR application scenarios, including single-source, registered multi-source, and unregistered multi-source hyperspectral image super-resolution, and probes the challenges inherent to each. Specifically, it spotlights: (i) single-source SR, where jointly modeling diverse spectral dependencies, preserving spatial–spectral coherence, and sustaining representational power in complex scenes remain open issues; (ii) registered multi-source SR, where faithfully reconstructing structured, reliable fine-grained details is still problematic; and (iii) unregistered multi-source SR, where accurately correcting cross-modal spatial misalignments and geometric shifts is particularly demanding. This report will detail our latest research, offering fresh insights and practical support for boosting hyperspectral image resolution and improving the performance of downstream applications.

Bio: CONG WANG is currently an associate professor in the School of Mathematics and Statistics, Northwestern Polytechnical Universit (NWPU), China. He received his Ph.D. in Mechatronic Engineering in 2021 from Xidian University, China. He is a member of IEEE and IEEE Systems, Man, and Cybernetics Society. His current research interests include vicinagearth security, artificial intelligence, high-dimensional image analysis, as well as wavelet analysis. He has a textbook, a monograph, nine patents and over 40 papers (20+ in IEEE TRANSACTIONS) and hosts over 10 research projects. He is funded by the China National Postdoctoral Program for Innovative Talents and the Excellent Chinese and Foreign Youth Exchange Program of the China Association for Science and Technology. He serves as an Editorial Board Member of 10+ international journals like IEEE TFS and a Program Committee Chair, Track Chair, Publication Chair, Program Committee Member, and Technical Committee Member of 30+ international conferences. He also serves a Frequent Reviewer of 60+ international journals, including a number of the IEEE TRANSACTIONS and many international conferences.

Assoc. Prof. Di Sun

Dalian University of Technology, China

Speech Time: 09:30-9:50, May 16, 2025 (UTC+8)
Online Room: 893 2150 3640 (Password: 202505)

Speech Title: Research and Applications of Generative Artificial Intelligence in Education

Abstract: The emergence of generative artificial intelligence has had a significant impact on education. Using a PRISMA-based approach, we have summarized the performance characteristics of generative AI literature in the field of education. We analyzed the current research and applications of generative artificial intelligence in education from four dimensions: benchmarking, technology development and optimization, subject applications of large model functions, and practical teaching scenarios. Furthermore, we summarized the challenges and reflections it faces in terms of technology, safety, and ethics. Based on this analysis, we proposed recommendations for empowering the future development of education through generative artificial intelligence, including the development of vertical models and diversified technological tools, the improvement of supporting environments and human-machine collaboration mechanisms, the innovation of educational teaching models, the establishment of large models specifically designed for education with Chinese characteristics, and the enhancement of international cooperation. These initiatives will help lay the foundation for the comprehensive development of generative artificial intelligence in the field of education and facilitate a smooth transition towards digital transformation in education.

Bio: Dr. Di Sun is an Associate Professor at the Graduate School of Education, Dalian University of Technology, specializing in learning analytics, artificial intelligence in education, and educational measurement and evaluation. After earning her B.S. and M.S. degrees from Beijing Normal University, she received her PhD in Instructional Design, Development, and Evaluation from Syracuse University. She has published nearly 30 articles in SCI, SSCI, and CSSCI journals and at international conferences, authored an academic book funded by Taylor & Francis, and led and contributed to multiple research projects both domestically and internationally. She also serves as a reviewer for SCI/SSCI journals, such as Computers & Education and Interactive Learning Environments. Dr. Sun was invited by Professor Ryan Baker of the University of Pennsylvania to visit the Penn Center for Learning Analytics as a Research Scholar in 2023. After returning to China, her current research focuses on using generative artificial intelligence to enhance learner development and address educational challenges through advanced quantitative research methods.

Assoc. Prof. Tze Wei Liew

Multimedia University, Malaysia

Speech Time: 14:00-14:20, May 15, 2025 (UTC+8)
Onsite Room: IA111

Speech Title: Socio-Emotive Cues for GenAI in Learning

Abstract: In this talk, I synthesize empirical research conducted by my Special Interest Group (SIG), which I lead, along with findings from other studies, to examine the role of socio-emotive cues in artificial learning agents and their potential to enhance learning outcomes. Grounded in theories such as the Computers Are Social Actors (CASA) paradigm, the Cognitive-Affective Theory of Learning with Media (CATLM), the Cognitive-Affective-Social Theory of Learning in Digital Environments (CASTLE), Emotional Contagion Theory, and the Emotions as Social Information (EASI) model, this discussion explores how Generative AI (GenAI) agents—including AI-generated embodied characters, synthetic speech systems, and GenAI-powered facial animations and gesture modeling—can be strategically designed to prime and elicit emotional responses in learners, fostering greater engagement, motivation, and deep learning. While much of the existing research focuses on positive emotional cues such as enthusiasm and encouragement, this talk also examines the pedagogical role of negative emotional cues in GenAI agents—including disappointment, frustration, and confusion—in shaping learning behaviors, cognitive effort, and self-regulation.

Bio: Tze Wei Liew is an Associate Professor of Information Science at the Faculty of Business and Deputy Director of the Centre for Interaction and Experience Design at Multimedia University (MMU), Malaysia. His research interests and scholarly contributions focus on human-media and human-agent interaction, with an emphasis on educational technology, instructional design, media studies, and cyberpsychology. A member of the Association for Computing Machinery (ACM), he also serves on the editorial boards of Elsevier's Learning and Instruction, Wiley's Human Behavior and Emerging Technologies, and Frontiers in Computer Science. He has actively collaborated on research presentations, invited lectures, and scholarly activities at international conferences and academic venues across Australia, China, Cambodia, Denmark, Hong Kong (China), India, Indonesia, Japan, Portugal, Singapore, Spain, Sweden, Taiwan (China), Thailand, and Vietnam, while also serving as a Technical Program Committee (TPC) member and program chair for ACM and IEEE conferences in information sciences.

Dr. Alexandre St-Vincent Villeneuve

McGill-UQAM Université du Québec à Montréal, Canada

Speech Time: 9:30-9:50, May 16, 2025 (UTC+8)
Online Room: 842 7941 1368 (Password: 202505)

Speech Title: GenAI in special education: Exploring leadership paradigms and practical insights

Abstract: The speech examines the transformative potential of Generative Artificial Intelligence (GenAI) in special education, positioning leadership as a foundational element for innovative management frameworks. By integrating insights from educational methodologies, organizational leadership, and GenAI tools, it investigates a spectrum of leadership paradigms to address the multifaceted challenges of special education. Among these, caring leadership is presented as an emerging construct, informed by the most recent advancements in leadership scholarship, underscoring empathy and strategic foresight as critical enablers of collaboration and educator empowerment. The discussion is anchored in a practical case study, showcasing measurable outcomes one year post-implementation and illustrating the tangible impact of these approaches.

Bio: Dr. Alexandre St-Vincent Villeneuve is an academic researcher and multi-entrepreneur, recognized for his transformative work at the intersection of neuropsychology and artificial intelligence. His research drives innovation in special education, where advanced tools support neurodiverse learners and in cancer detection, where AI enhances diagnostic precision. He also explores algorithmic video surveillance to improve security in schools and other facilities. As a leader with extensive experience across entrepreneurship, education, healthcare and management, he excels at translating complex research into practical solutions with real-world impact. His ventures combine technological innovation with a commitment to improving outcomes for vulnerable populations. He has shared his advancements at international conferences in Asia, Europe and the United States, contributing to global efforts in leveraging AI for societal progress.

Dr. Victor Perez

Xi'an Jiaotong-Liverpool University, China

Speech Time: 14:20-14:40, May 15, 2025 (UTC+8)
Onsite Room: IA103

Speech Title: Cognitive Performance Music™: Creating the World's First Sound-Based Intervention for Boosting the Entrepreneurial Mindset

Abstract: This paper presents Cognitive Performance Music™ (CPM) as the world's first sound-based intervention specifically engineered to enhance the entrepreneurial mindset. Positioned at the intersection of cognitive neuroscience, AI, music, and entrepreneurial education, CPM constitutes a novel genre of functional music grounded in scientific principles. This empirical study investigates the effects of CPM on student motivation and emotional engagement. The intervention was implemented during the 2024 Immersive Technopreneurship Summer School at XJTLU, engaging 39 students from five nationalities through strategically embedded CPM tracks before, during, and after class sessions. Methodologically, the study adopts a qualitative approach using semi-structured interviews and reflective logs to capture participants' subjective experiences and mindset shifts. Preliminary findings indicate that CPM fosters heightened motivation and focus, offering a promising, scalable tool for experiential entrepreneurship education. This research inaugurates a new field of inquiry—sound-based cognitive interventions for learning—and advocates for deeper exploration across academic and applied domains.

Bio: Dr. Vik Perez is Associate Professor of Practice at the Entrepreneurship and Enterprise Hub at Xi'an Jiaotong-Liverpool University (XJTLU). He is the creator of Cognitive Performance Music™ (CPM)—the first sound-based intervention designed to support the development of entrepreneurial mindset and cognitive focus. His work integrates neuroscience, motivational psychology, and music to enhance student engagement and learning outcomes. As the inventor of the WNYLE Method—the first brain-driven approach to entrepreneurial learning—Dr. Perez has played a key role in shaping innovative pathways within entrepreneurship education. His classroom interventions and Cognitive Performance Music™ innovations have engaged individuals in over 25 countries and 49 cities—including students, educators, and global listeners. He continues to explore how emotionally intelligent, sound-based learning environments can help students unlock their creative and cognitive potential.

Gloria Wan

Head of Client Relations, PTE, Greater China, China

Speech Time: 13:30-13:50, May 16, 2025 (UTC+8)
Onsite Room: IA121 Zoom ID: 831 4798 4978 (Password: 202505)

Speech Title: The Application, Innovation, and Challenges of AI in English Testing

Abstract: In the wave of AI - empowered personalized education, the Pearson Test of English (PTE) and preparation field have shown significant innovation and challenges. Pearson PTE has achieved full-computer-based testing and AI-based scoring, making the test faster, fairer, and more accurate. Its preparation phase also uses AI to provide candidates with personalized learning paths. The application of AI in education also faces many challenges, such as data privacy and security issues, and the transformation of teachers' roles. This speech will discuss the application, innovation, and challenges of AI in English Testing and Assessment with PTE ecosystem as a case study.

Bio: Gloria has been working in the field of international education for 10 years, specializing in business partnerships, market entry strategies, market development, and promotion for international English proficiency tests. Before joining Pearson, she served as the Head of Market Development for the Duolingo English Test in China and as the Global Business Development Manager at VIPKid. Gloria also previously worked in the CEO's Office at Global Education.

Dr Tünde Varga-Atkins

Educational Developer, University of Liverpool, UK

Speech Time: 13:50-14:10, May 16, 2025 (UTC+8)
Onsite Room: IA121 Zoom ID: 831 4798 4978 (Password: 202505)

Speech Title: How is Generative AI being used in multimodal learning, teaching and assessment in higher education contexts?

Abstract: This presentation discusses the context and findings from our SEDA-funded (Staff and Educational Development Association, UK) project on Generative AI and Multimodal Learning project. Multimodal learning is a way of teaching that uses different semiotic modes in one communication (e.g. text, image, sound, video, touch or gesture) to create extra meaning (Lacković & Olteanu, 2023; Lim & Tan-Chia, 2023; Varga-Atkins, 2024).

We outline and discuss our research question(s) - 'How is Generative AI used in multimodal learning contexts in higher education contexts with students and educators?'. We draw on our literature review (PRISMA literature review methodology (Tricco et al., 2018) using databases, Scopus and Web of Science) as well as primary research data (survey, case studies and focus group data) collected consulting with educational developers, educators and students. We discuss the following research questions and emerging sub-questions:

1. What are the common and/or established learning designs of multimodal learning using GenAI?

2. What types of multimodal artefacts are being generated, explored, evaluated by GenAI tools?

3. What type of GenAI tools are being used and by whom?

4. What are the outcomes and impact of the use of GenAI for multimodal learning? Is there any evaluation present? Are there any benefits?

5. What are the opportunities and challenges of using GenAI for multimodal learning in HE? For example, do we need further training, upskilling, improved access to technology, or improved policy on using GenAI?

6. What are the inclusivity, sustainability and ethical issues of using GenAI for multimodal learning?

Finally, we consider the scope for education to encourage and support further exploration, development and collaboration in this area.

Bio: Dr Tünde Varga-Atkins is a Senior Educational Developer at the Centre for Innovation in Education, University of Liverpool, UK and a Principal Fellow of the Higher Education Academy. Her specific areas of research encompass areas in digital capabilities, signature pedagogies, curriculum design and evaluation, multimodal learning, assessment and feedback, learner experience research and scholarship of learning and teaching. Tünde is editor of Research in Learning Technology.

Dr Sam Saunders is an Educational Developer in the Centre for Innovation in Education at the University of Liverpool, UK. His research interests include assessment and feedback practices, authentic assessment and pedagogy, decolonising the curriculum, and Generative AI in Education. Sam has recently presented and published on Generative AI policy development in higher education, and the decolonisation of authentic pedagogy at the annual Assessment in Higher Education conference in Manchester. Sam also writes on nineteenth-century literature and culture.

Parallel Sessions

Conference Photo Live Stream

会议照片直播

ICAIE Conference Program

会议日程

Onsite Parallel Sessions

Day 2, Thursday, May 15, 2025

Time	Room	Activities
14:00-16:32	IA125	Track 1- Session 1 *AI-Enabled Personalized Education: Innovations and Challenges* Invited Speaker: Prof. Zhi Liu, Jinan University, China CS130, CS102, CS118, CS150, CS152, CS153, CS157, CS158, CS180, CS543, CS164
14:00-16:20	IA107	Track 1- Session 2 *AI-Enabled Personalized Education: Innovations and Challenges* Invited Speaker: Assoc. Prof. A.Y.M. Atiquil Islam, East China Normal University, China CS138, CS191, CS193, CS202, CS208-A, CS215-A, CS254-A, CS507-A, CS583, CS590
14:00-16:20	IA111	Track 1- Session 3 *AI-Enabled Personalized Education: Innovations and Challenges* Invited Speaker: Assoc. Prof. Tze Wei Liew, Multimedia University, Malaysia CS624-A, CS186-A, CS592, CS599, CS611, CS643-A, CS653, CS657, CS671, CS683
14:00-16:12	HS338	Track 1- Session 4 *AI-Enabled Personalized Education: Innovations and Challenges* Invited Speaker: Dr. Alexandre St-Vincent Villeneuve, McGill-UQAM Université du Québec à Montréal, Canada CS714, CS717, CS739-A, CS220-A, CS139, CS631 RC4AIED Branch: Juan Carlos Dall'Asta, Erin Brown, Guang Yang, Run Wen, Hillary Rowe, Sabrina Shajeen Alam
14:00-16:12	IA123	Track 2-Session *Gamification and Interdisciplinary Integration in the AI Education Era* CS205-A, CS214, CS545-A, CS584, CS630, CS651, CS680-A, CS681, CS723, CS728, CS144
14:00-15:40	IA103	Track 3 & Track 5 -Session：*AI and Global Harwell* Keynote Speaker: Prof. Tak-Wai Chan, Central University, Taiwan, China Zoom ID: 858 3347 2573　Password: 202505 Invited Speaker: Dr. Victor Perez, Xi'an Jiaotong-Liverpool University, China CS557, CS585, CS185-A, CS224, CS668
14:00-16:48	HS124	Track 4- Session 1 *New Progress in Educational Technology Research under the Background of Artificial Intelligence* CS110-A, CS147, CS154, CS159-A, CS161, CS169, CS177, CS179, CS219, CS221, CS232, CS239, CS171, CS663-A
14:00-16:36	HS222	Track 4- Session 2 *New Progress in Educational Technology Research under the Background of*

		Artificial Intelligence CS504-A, CS510, CS511, CS517, CS537, CS548-A, CS550, CS566, CS569, CS575, CS576, CS577, CS579
14:00-16:44	IA109	Track 4- Session 3 *New Progress in Educational Technology Research under the Background of Artificial Intelligence* Invited Speaker: Prof. Xiangjie Kong, Zhejiang University of Technology, China CS580, CS588, CS591, CS626, CS627, CS628, CS632-A, CS638-A, CS645, CS647-A, CS686-A, CS667-A
14:00-16:36	HS336	Track 4 - Session 4 *New Progress in Educational Technology Research under the Background of Artificial Intelligence* CS672, CS684, CS690, CS693, CS697-A, CS699, CS700, CS701-A, CS707-A, CS713, CS716, CS661, CS670
14:00-16:08	IA121	Special session: *Innovative Technologies and Emerging Trends in Transnational Education* Zoom ID: 863 7853 0485 Password: 202505 Keynote Speaker: Delon Chai, Curtin University, Malaysia CS709-A, CS185-A, CS190, CS195, CS201, CS521, CS664, CS677-A, CS121
14:00-15:36	HS422	AI and Education Practice Presentation Session CS185-A, CS183, CS655-A, CS676-A, CS227-A, CS554, CS209-A, CS506-A
14:00-15:52	IA LEVEL 1 Hall	Poster Session 1 CS136, CS146, CS176, CS188-A, CS197, CS218-A, CS256-A, CS519, CS541, CS532, CS547, CS552, CS553, CS562
14:00-15:52	IA LEVEL 1 Hall	Poster Session 2 CS564, CS570, CS571, CS608-A, CS637, CS648, CS665-A, CS679, CS694, CS696, CS711, CS722, CS725, CS737

Day 3, Friday, May 16, 2025

Time	Room	Activities
13:30-14:58	IA121	RC4AIED Special Session Zoom ID: 831 4798 4978 Password: 202505 Invited Speaker: Gloria Wan, Head of Client Relations, PTE, Greater China, China Invited Speaker: Dr Tünde Varga-Atkins, Educational Developer, University of Liverpool, UK Rita Detrick, Erin Brown, Yezi Yang, Ling Tan, Lujia Li, Yexiang Wu

Track 1 - Session 1

Track 1: AI-Enabled Personalized Education: Innovations and Challenges **Session Chair: Assoc. Prof. Min Chen, Xi'an Jiaotong-Liverpool University, China** Time: 14:00-16:32, May 15, 2025 Onsite Room: IA125	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 14:00-14:20	Invited Speaker: Prof. Zhi Liu, Central China Normal University, China Speech Title: Profiling students' learning engagement to identify learning achievement: An automated configurational approach
CS130 14:20-14:32	Paper Title: AI-powered engineering talents cultivation - Illustrated by BEng Mechatronics and Robotics Programme at XJTLU Authors: Min Chen, Shunqi Zhang, Ji Li, Na Li, Mark Leach, Eng Gee Lim Presenter: Min Chen, Xi'an Jiaotong-Liverpool University, China
CS102 14:32-14:44	Paper Title: A Comprehensive Analysis of ChatGPT-Assisted Learning: A Systematic Exploration from Learning Outcomes to Student Behavior Patterns Authors: Chiao-Hsi, Hsiao, Chia-Hao Chiu Presenter: Chiao-Hsi Hsiao, Soochow University, Taipei, China
CS118 14:44-14:56	Paper Title: Design and Development of an AI-Powered IELTS Writing Assessment System for Task 2 Essays Authors: Zhang Yuxin (Lorraine) Zhang, Zhou Yu (Francis) Presenter: Zhang Yuxin (Lorraine), University of Malaya, Malaysia
CS150 14:56-15:08	Paper Title: AI Empowering Education: Teacher Role Redefinition and Professional Development Strategies in the Classroom Authors: Yang Yang, Du Yanqiu Presenter: Yang Yang, Beijing Normal University, Beijing, China
CS152 15:08-15:20	Paper Title: Evaluating Students' Attitude of the AI-integrated Tasks in TCSOL Classroom Using the CAC Model Authors: Haixia Wang, Henghua Su Presenter: Haixia Wang, Xi'an Jiaotong Liverpool University, China
CS153 15:20-15:32	Paper Title: The Latest Innovations And Dilemmas In AI Empowering Personalized Education Authors: Jiahong Zhu, Lin Fu Presenter: Jiahong Zhu, Faculty of Education, Shenzhen University, China
CS157 15:32-15:44	Paper Title: Research on Middle School English Writing Teaching Model Assisted by Generative Artificial Intelligence Authors: Zhiwei Qi, Yuqing Liu, Wenlin Liu Presenter: Yuqing Liu, Yunnan University, China

CS158 15:44-15:56	Paper Title: How have teachers' role perception in the era of Gen AI, influence their use of Gen AI in the classroom? Author: Shalyn Tan Presenter: Shalyn Tan, Institute of Technical Education, Singapore
CS180 15:56-16:08	Paper Title: Comparing perspectives of students and experts regarding using ChatGPT in learning international politics: A case study of China-ASEAN AI cooperation Authors: SongHao, YuHeng Ding Presenter: HaoSong, Shanghai Lixin University of Accounting and Finance, China
CS543 16:08-16:20	Paper Title: Study on Immersive Virtual Experiment based on Emotional Design Authors: Liqiao Nong, Lanlan Zhang Presenter: Liqiao Nong, Guangxi Polytechnic of Construction, China
CS164 16:20-16:32	Paper Title: Leveraging the Potential of PowerPoint with ClassPoint in Language Classrooms Author: Chaonan Xu Presenter: Chaonan Xu, English Language Centre, School of Languages, Xi'an Jiaotong-Liverpool University, China

Track 1 - Session 2

Track 1: AI-Enabled Personalized Education: Innovations and Challenges **Session Chair: Assoc. Prof. Xi Lin, East Carolina University, USA** Time: 14:00-16:20, May 15, 2025 Onsite Room: IA107	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 14:00-14:20	Invited Speaker: Assoc. Prof. A.Y.M. Atiquil Islam, East China Normal University, China Speech Title: Preprints in the ChatGPT Era: A Threat to the Credibility and Quality of AI Research?
CS138 14:20-14:32	Paper Title: Using AI for Simulation Interviews to Enhance Adult Learning Authors: Xi Lin, Tianjiao Zhao, Shulin Zhou Presenter: Xi Lin, East Carolina University, USA
CS191 14:32-14:44	Paper Title: Student Behavior Analysis and Adaptive Learning Path Planning Based on Multi-Feature Hypergraph Learning Authors: Xiaozhu Wang, Shengzhuo Liu, Paul Adams, Li Wang Presenter: Xiaozhu Wang, The Open University of China, China
CS193 14:44-14:56	Paper Title: The Negative Impact of AI - Enhanced Interdisciplinary STEM Curriculum on Cognitive Skills Authors: Hangfei Zhang, Bingxin Cai, Lin Li, Rui Zhang Presenter: Hangfei Zhang, National University of Defense Technology, China
CS202 14:56-15:08	Paper Title: Prospects of Generative Video Technology in the Field of Chinese Classical Literature: Exploring Female Education Through the Reimagining of Chinese Poetic Imagery Using Runway ML Gen-3 Alpha Author: Yunning Wang Presenter: Yunning Wang, Seoul National University, South Korea
CS208-A 15:08-15:20	Paper Title: Understanding AIGC Integration through Communities of Practice: A Case Study of University-School Collaboration in China Authors: Siyao Chen, Xuefeng Qiao, Yuqing Wang Presenter: Siyao Chen, Nanjing Normal University, China
CS215-A 15:20-15:32	Paper Title: Exploring Primary School Teaching Professionals' Perceptions Towards Integrating Artificial Intelligence-driven Chatbots in Minority Language Education: Insights from Applying Openai's Chatgpt Author: Ruoxuan Li Presenter: Ruoxuan Li, University of Groningen, the Netherlands
CS254-A 15:32-15:44	Paper Title: AI-Personalized Education: Progress, Challenges, and the Role of Educators Authors: Drs. Yun Chu, Jianyu Ma Presenter: Dr. Yun Chu, Robert Morris University - Pittsburgh, USA
CS507-A 15:44-15:56	Paper Title: Improving Chinese adult EFL speaking skills with generative AI chatbots: a case study with respect to the interactionist theory

	Authors: Kehui Guo, Zhihui Wei Presenter: Kehui Guo, Shanghai Open University, China
CS583 15:56-16:08	Paper Title: Ethical Challenges in AI-enabled Education-A PESTEL Analysis Authors: Yaohuan Lu, Jianrong Tian Presenter: Yaohuan Lu, Faculty of Education, Shaanxi Normal University, China
CS590 16:08-16:20	Paper Title: A Unified Multimodal Learning Analytics Framework for Course Design with LLMs Authors: Yuefan Fang, Xinyue Chen, Xuri Fang, Ting Xia, Tao He, Xiaoming Cao Presenter: YuefanFang, Shenzhen University, China

Track 1 - Session 3

Track 1: AI-Enabled Personalized Education: Innovations and Challenges **Session Chair: Assoc. Prof. Thomas Selig, Xi'an Jiaotong-Liverpool University, China** Time: 14:00-16:20, May 15, 2025 Onsite Room: IA111	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 14:00-14:20	Invited Speaker: Assoc. Prof. Tze Wei Liew, Multimedia University, Malaysia Speech Title: Socio-Emotive Cues for GenAI in Learning
CS624-A 14:20-14:32	Paper Title: AI-Driven Materials for Integrated Writing: Bridging Reading and Listening for Advanced EAP Learners Authors: Shuangxin Zhang, Jiashi Wang Presenter: Shuangxin Zhang, Xi'an Jiaotong Liverpool University, China
CS186-A 14:32-14:44	Paper Title: Developing Students' Evaluative Judgement through AI-Integrated Assessment Design Authors: Thomas Selig, Ling Wang Presenter: Thomas Selig, Xi'an Jiaotong-Liverpool University, China
CS592 14:44-14:56	Paper Title: Beyond the Digital Cave: Reshaping Educational Values and Exploring Practical Pathways in the Era of Generative Artificial Intelligence Authors: Xiaoyu Yang, Xuefeng Qiao, Bingchun Wen. Presenter: Bingchun Wen, Nanjing Normal University, China
CS599 14:56-15:08	Paper Title: Performance Analysis of General and Custom GPTs in L2 Personalized Interaction Authors: Yao WU, Xiaowen ZOU, Henghus SU, Kim LAU Presenter: Yao WU, Xi'an Jiaotong Liverpool University, China
CS611 15:08-15:20	Paper Title: Effects of AI-Assisted Instructional Design Reflection on Pre-Service Teachers' Technological Self-Efficacy and Critical Thinking : An Empirical Study Authors: Kun QU, Maoran Ye, Ziyu Zhao, Xiaoyan Zhong Presenter: Maoran Ye, Southwest University, China
CS643-A 15:20-15:32	Paper Title: Enhancing Mandarin Tone Perception and Production Through Multimodal Training with AI-Powered Feedback: A Study of Non-Tonal Language Speakers Authors: Bing Cheng, Kangzhi Liao, Yilin Xiang, Yu Zou, Xiaojuan Zhang Presenter: Kangzhi Liao, Xi'an Jiaotong University, China
CS653 15:32-15:44	Paper Title: Building and Implementing a Human-AI Synergistic Education-Research Ecosystem through Multi-Agent Collaboration Authors: Yue Wang, Yunzhen Liang, Ziqi Shen, Lin Guo Presenter: Lin Guo, Henan Normal University, China
CS657 15:44-15:56	Paper Title: Exploring Student Engagement and Personalized Learning with a Retrieval-Augmented Generation (RAG) Chatbot

	Authors: Huiyu Zhang, Bryan Zheng Jie Teo, Ester Gue Hua Goh, Kalyankumar Subramaniyan, Kok Hian L Presenter: Zhang Huiyu, Temasek Polytechnic, Singapore
CS671 15:56-16:08	Paper Title: Self-Directed Use of Voice-Enabled AI Chatbots for Improving English Speaking A Case Study with Doubao Author: Hou Xiaolan Presenter: Hou Xiaolan, UESTC, China
CS683 16:08-16:20	Paper Title: Artificial Intelligence in Music Education: Trends, Challenges, and Future Directions Authors: Chamil Arkhasa Nikko Mazlan, Sajastanah Imam Koning, Mohd Yusran Mohd Yusoff, Dayang Siti Hazar Awang Hassim, Riyan Hidayatullah, Surasak Jamnongsarn Presenter: Chamil Arkhasa Nikko Mazlan, Universiti Pendidikan Sultan Idris, Malaysia

Track 1 - Session 4

Track 1: AI-Enabled Personalized Education: Innovations and Challenges **Session Chairs: Assit. Prof. Anoop Saxena, Xi'an Jiaotong-Liverpool University, China** **Assit. Prof. Run Wen, Xi'an Jiaotong-Liverpool University, China** Time: 14:00-16:12, May 15, 2025 Onsite Room: HS338	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
CS714 14:00-14:12	Paper Title: Research on Personalized Postgraduate Training Mode Based on AI Agent and Deepseek Authors: Di Zheng, Lin Chen, Xianfeng Zhang Presenter: Di Zheng, Naval University of Engineering, China
CS717 14:12-14:24	Paper Title: When AI Does the Thinking: The Risks of OverReliance on Artificial Intelligence in Higher Education Language Learning Author: Garth Elzerman Presenter: Garth Elzerman, XJTLU, China
CS739-A 14:24-14:36	Paper Title: EFL Teacher Assessment Identity Development in the Use of GenAI Tools: A Case Study Authors: Yue NI, Ricky LAM Presenter: Yue NI, Hong Kong Baptist University, Hong Kong, China
CS220-A 14:36-14:48	Paper Title: A Study on the Impact of ChatGPT on Information Transmission in Collaborative Learning Environments Authors: Jiaying Xiao, Yi Dai Presenter: Jiaying Xiao, City University of Macau, China
CS139 14:48-15:00	Paper Title: LMS-VR Technology- enabled Experiential Learning in Management Accounting: A prototype and Instructional Design Guidelines Authors: Dr Jean-Yves LE CORRE, Dr Samuel KWOK , Yun ZHOU , Kenneth SIMMONS Presenter: Dr Jean-Yves LE CORRE, Huyixiang (Shanghai) Technology Management Consulting Co., Ltd., China
RC4AIED Branch CS631 15:00-15:12	Paper Title: Enhancing Design Thinking through the Systematic Integration of Artificial Intelligence (AI) in Architectural Education Author: Juan Carlos Dall'Asta Presenter: Juan Carlos Dall'Asta, Xi'an Jiaotong Liverpool University
RC4AIED Branch 15:12-15:24	Title: Adoption of Learning analytics by university students Authors: Sang-soog Lee, Guang Yang, Jinhee Kim, Na Li Presenter: Guang Yang, Xi'an Jiaotong-Liverpool University, China
RC4AIED Branch 15:24-15:36	Title: Teaming up with AI: An integrative framework for student-AI teamwork in learning Authors: Guang Yang, Jinhee Kim, Sang-Soog Lee and Na Li, Presenter: Guang Yang, Xi'an Jiaotong-Liverpool University, China

RC4AIED Branch 15:36-15:48	Title: Building AI Literacy for Educators: A Framework for Professional Development in AI-Enabled Personalized Learning Authors/Presenters (in alphabetical order): Isabel Lopez Hurtado, Centro de Investigación Cientifica y de Educación Superior (CICESE), Mexico Run Wen, Xi'an Jiaotong-Liverpool University, China Sabrina Shajeen Alam, University of Western Ontario, Canada
RC4AIED Branch 15:48-16:00	Title: Navigating AI in Higher Education: A Case-Study on Educator Integration Practices and Perceptions Author: Hillary Rowe Presenter: Hillary Rowe, Xi'an Jiaotong-Liverpool University, China
RC4AIED Branch 16:00-16:12	Title: Students' perceived roles of GenAI, opportunities, and challenges of a GenAI-assisted collaborative argumentation Author: Liangjie Fan, Jinhee Kim, Rita Detrick and Na Li Presenter: Liangjie Fan, Xi'an Jiaotong-Liverpool University, China

Track 2 - Session

Track 2: Gamification and Interdisciplinary Integration in the AI Education Era **Session Chair: Assit. Prof. Lanze Willem Vanermen, Xi'an Jiaotong-Liverpool University, China** Time: 14:00-16:12, May 15, 2025 Onsite Room: IA123	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
CS205-A 14:00-14:12	Paper Title: GAI Empowers Interdisciplinary Thematic Learning Design and Implementation - Taking Adaptation of Textbook Drama as an Example Author: Feixue Yuan Presenter: Feixue Yuan, Ludong University, China
CS214 14:12-14:24	Paper Title: A Study on Teacher-AI Interaction for English Language Learning Materials in Math Discipline Authors: Weiyi Chu, Haixia Liang Presenter: Weiyi Chu, Xi'an Jiaotong-Liverpool University, China
CS545-A 14:24-14:36	Paper Title: A game for better learning: An application of constructivist learning theory Authors: Benazir Quadir, Yi meng Presenter: Benazir Quadir
CS584 14:36-14:48	Paper Title: A Study of the Effectiveness of Gamified Learning in an Elementary School Artificial Intelligence Course Authors: Jingsi Ma, Zhifang Zhu Presenter: Jingsi Ma, Ningxia University, China
CS630 14:48-15:00	Paper Title: Enhancing Financial Education with AI-Driven Learning and Simulations Authors: Fu Rongrong, LIU Lili Presenter: Lili LIU, National University of Singapore, Singapore
CS651 15:00-15:12	Paper Title: A Systematic Review of Game-based Assessment in K-12 Education: Present Current and Moving Forward Authors: Jiayi Cen, Nora McIntyre, Christian Bokhove Presenter: Jiayi Cen, University of Southmpton, UK
CS680-A 15:12-15:24	Paper Title: Enhancing Sensory Integration through AI-Generated Play: A Case Study of Gamification Physical Activities in Chinese Early Childhood Education Authors: Wenping Zhang, Ziwei Jiang Presenter: Wenping Zhang, Wenzhou Kean University, China
CS681 15:24-15:36	Paper Title: Advancing the University Entrepreneurship Model: The Synergistic Impact of Gamification and EdTech on Business College Students at Comprehensive Universities in Zhejiang, China Authors: Midya Yousefi, Jun Zhang, Jahirul Mullick, Ziwei Jiang Presenter: Jahirul Mullick, Wenzhou-Kean University, China

CS723 15:36-15:48	Paper Title: AI-Driven Research on Gamified New Media Art in Children's Public Aesthetic Education Authors: Fujian Lei,Huijia Zhang,Feng Ji Presenter: Fujian Lei, Nanjing University,China
CS728 15:48-16:00	Paper Title: Interdisciplinary Reading and Generative AI Co-evolution: Theoretical Model and Practical Exploration Authors: Yang XIA， Hong Qufei Presenter: Yang XIA， Nanjing Normal University School of Education， China
CS144 16:00-16:12	Paper Title: Integrating AI into Methodology: A Critical Review of a Research Methods Course in Postgraduate Interdisciplinary Built Environment Education Authors: Jiawen Han, Yue Zhu Presenter: Jiawen Han, Xi'an Jiaotong-Liverpool University, China

Track 3 & Track 5 - Session

Theme: AI and Global Harwell **Session Chair: BENQ GURU HOLDING LIMITED CEO, Zhiguang Huang** Time: 14:00-15:40, May 15, 2025 Onsite Room: IA103 Zoom ID: 858 3347 2573 Zoom link: https://us02web.zoom.us/j/85833472573 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Keynote Speech 14:00-14:20	Keynote Speaker: Prof. Tak-Wai Chan, Central University, Taiwan, China Speech Title: Two Grand Challenges for Education and Humanity: The Global Harwell Goal and the General Artificial Companions Hypothesis
Invited Speech 14:20-14:40	Invited Speaker: Dr. Victor Perez, Xi'an Jiaotong-Liverpool University, China Speech Title: Cognitive Performance Music™: Creating the World's First Sound-Based Intervention for Boosting the Entrepreneurial Mindset
CS557 14:40-14:52	Paper Title: Syntegrative Entrepreneurship Education for Engineers: AI-Enhanced Module through Project-Based Learning Authors: Tong Wu, Yingtuan Lo, Weize Huang, Bintao Hu, Bo Zhang Presenter: Tong Wu, Xi'an Jiaotong-Liverpool University, China
CS585 14:52-15:04	Paper Title: Fostering Students' Computational Thinking through Experiential Learning in Artificial Intelligence Course Authors: Zhifang Zhu, Jingsi Ma Presenter: Zhifang Zhu, Shenzhen Polytechnic University, China
CS185-A 15:04-15:16	Paper Title: Practices and correlates of using generative AI in doctoral education: a comparative case study in China and Russia Author: Evgenii Terentev Presenter: Evgenii Terentev, National Research University Higher School of Economics, Russia
CS224 15:16-15:28	Paper Title: Designing the Future of Entrepreneurship Education: Exploring an AI-Empowered Scaffold System for Business Plan Development Authors: Junhua ZHU; Lan LUO Presenter: Lan LUO, HKUST(Guangzhou), China
CS668 15:28-15:40	Paper Title: Comparison of AI-Driven and AR-Driven Design for Disassembly (DfD) of a Shekili-inspired Emergency Shelter Design Authors: Mia Tedjosaputro, Farkhondeh Vahdati and Fatemeh Damavandi Presenter: Mia Tedjosaputro, Xi'an Jiaotong - Liverpool University, China

Track 4 - Session 1

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence **Session Chair: Assoc. Prof. Martin Lukas, Czech University of Life Sciences Prague, Czech Republic** Time: 14:00-16:48, May 15, 2025 Onsite Room: HS124	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
CS110-A 14:00-14:12	Paper Title: AI-Facilitated Simulation in Teaching Skill Development: Examining Self-Efficacy Among Chinese University Teacher Candidates Author: Chunyi Zhao Presenter: Chunyi Zhao, University of Otago, New Zealand
CS147 14:12-14:24	Paper Title: Opportunities and Challenges for ChatGPT to Help Transform and Upgrade Teacher Learning Authors: Huiling Liu, Qiang Wang Presenter: Huiling Liu, Capital Normal University, China
CS154 14:24-14:36	Paper Title: Research on Human-Machine Collaboration Behavior Patterns Supported by Generative Artificial Intelligence Authors: Li Meng, Ling Jiang Presenter: Li Meng, Central China Normal University, China
CS159-A 14:36-14:48	Paper Title: Understanding The Affordance of Artificial Intelligence (AI) in Knowledge Construction Author: Haijun Kang Presenter: Haijun Kang, Kansas State University, USA
CS161 14:48-15:00	Paper Title: Enhancing Student's Skills Of Enterprise Architecture By AI Support: A Case of Czech Republic Authors: Martin Lukas, Lucie Lukasova, Anna Safrankova Presenter: Martin Lukas, Faculty of Economics and Management, Department of Information Technologies, Czech University of Life Sciences Prague, Czech Republic
CS169 15:00-15:12	Paper Title: A Study on Intelligent Education Products Reviews Based on Text Mining Authors: Xuetan Zhai, Qiang Wang Presenter: Xuetan Zhai, College of Education, Capital Normal University, Beijing, China
CS177 15:12-15:24	Paper Title: Artificial Intelligence Literacy Education: A Scoping Literature Review from 2020 - 2024 Author: Ling Xia Presenter: Ling Xia, Xi'an Jiaotong Liverpool University, China
CS179 15:24-15:36	Paper Title: The Impact of Mobile-Assisted Pronunciation Training on Intelligibility and Comprehensibility in EFL Learners Authors: Xiaojie Ni, Hui Yin

	Presenter: Xiaojie Ni, Department of Applied Linguistics, Xi'an Jiaotong-Liverpool University Suzhou, China
CS219 15:36-15:48	Paper Title: Evaluating the Impact of Using GenAI in Higher Education for University Students Authors: Ji Zheng, Huanan Song, Ziqin Wang, Chunxu Han, Chao Liu, Kok Keong Chai, Yue Chen Presenter: Huanan Song, Queen Mary University of London, UK
CS221 15:48-16:00	Paper Title: The Impact of Applying GenAI in Scratch Programming on University Students' Computational Thinking Authors: Shouchao Guo, Yuqian Sun, Zhenguo Xu Presenter: Yuqian Sun, Qufu Normal University, China
CS232 16:00-16:12	Paper Title: On the Effectiveness of Formative Assessment Method Assisted by Artificial Intelligence in College Education: Taking "Cultivation of Ethics and Fundamentals of Law" Course as An Example Authors: Ruohan Li, Yuling Liu, Na Gao Presenter: Yuling Liu, National University of Defense Technology, China
CS239 16:12-16:24	Paper Title: Advancing Teachers' Digital Competence in Western China's Inclusive Kindergartens through Human-Machine Collaboration: An Intelligent Diagnosis-Driven Pathway for Integrating Local Resources Author: Li Liu Presenter: Li Liu, 1. Institute of Shaanxi Teachers' Development, Shaanxi Normal University, Xi'an 710062; 2. School of Literature and Education, Shaanxi Institute of International Trade & Commerce, Xi'an, 712046(CHINA)
CS171 16:24-16:36	Paper Title: Visualizing Second Language Self Through Avatars: Current Landscape and Conceptualizing the Future Author: Bin Feng Presenter: Bin.Feng, Xi'an Jiaotong Liverpool University, China
CS663-A 16:36-16:48	Paper Title: Research on Personalized Learning Based on Deeper Diagnosis of Cognitive-states Supported by BERT Author: Huilun Zhang, Yuqi Dong, Xiangcong Liu, Xingye Chen Presenter: Huilun Zhang, Shanghai Normal University, School of Education, China

Track 4 - Session 2

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence **Session Chair: Assoc. Prof. Wenshuang Ge, Shaanxi Normal University, China** Time: 14:00-16:36, May 15, 2025 Onsite Room: HS222	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
CS504-A 14:00-14:12	Paper Title: Multimodal Learning Analytics in Autism Spectrum Disorder Research: A systematic review Authors: Mao Jieyu, Da Fang, Guo Qiang, Yu Zhanglu, Wang Tingzhao Presenter: Jieyu Mao, Shaanxi Normal University, China
CS510 14:12-14:24	Paper Title: Multi-view multi-label online learning for education topic recommendation Authors: Changming Zhu, Hengbin Li, Yufeng Sun, Jianping Wang, Yin Pan, Liju Han Presenter: Hengbin Li, Shanghai Maritime University, China
CS511 14:24-14:36	Paper Title: A Systematic Literature Review of the Impact of Pedagogical Agents on Learners' Learning Outcomes Author: Tianle Liu Presenter: Tianle Liu, Shanghai International Studies University, China
CS517 14:36-14:48	Paper Title: Design and Practice of Online Collaborative Learning Script to Promote Collective Cognitive Responsibility Authors: Dan Liu, Baiyu Zhang, Louhui Ming Presenter: Louhui Ming, Liaoning normal university, China
CS537 14:48-15:00	Paper Title: Evaluating the Effectiveness of LLM in Measuring Students' Foreign Language Conversational Abilities in the Information Technology Teacher Interview Authors: Yinying Zhang, Tiong-Thye Goh, Bing Yang, Mengjun Liu, Xinran Wang Presenter: Yinying Zhang, Hubei University, China
CS548-A 15:00-15:12	Paper Title: A Preliminary Study of AI's Influence on Burnout, Well-being, and Job satisfaction among Chinese Middle School Teachers Author: Mingyang Liu Presenter: Mingyang Liu, Rainbow View Garden, Yellow River 1st Road, Bohai 13th Road, Bincheng District, Binzhou City, Shandong Province, China
CS550 15:12-15:24	Paper Title: Research on the Construction of the Implementation Model for the Information Technology Teaching Guide for Compulsory Education Based on Teaching Agents Authors: Jingwen Guo, Xinmin Fan Presenter: Jingwen Guo, Fujian Normal University, China
CS566 15:24-15:36	Paper Title: A Study of Using GenAI to Identify Key Course Factors of 25 Online Courses with High Learning Engagement at an Open University in China Authors: Chen Pengyu, Huang Luoyin, Yang Yujun Presenter: Chen Pengyu, Guangdong Open University, China

CS569 15:36-15:48	Paper Title: The Implementation of the Digital Multimedia in the Educational Process: Possibilities and Risks Authors: Irina Panferova, Luiza Nabiulina Presenter: Irina Panferova, Bucheon University in Tashkent, Uzbekistan
CS575 15:48-16:00	Paper Title: Research on the Impact of Human-Machine Collaborative Dialogue on Normal University Students' Reflection and Instructional Design Abilities in Teaching Resources Authors: Jiajia Yao, Mingyue Liu, Ruohan Zhang, Yuan Zheng Presenter: Mingyue Liu, Jiangnan University, China
CS576 16:00-16:12	Paper Title: The effects of blended training models on self-regulated learning abilities of in-service science teachers Authors: Xiaohan Zhang, Wenshuang Ge, Yuxin Xiao, Jingxin Yan, Jiarui Liu Presenter: Wenshuang Ge, Shaanxi Normal University, China
CS577 16:12-16:24	Paper Title: The Personalized Scene-Based AI Agents: Exploring Chinese language Learning Among International Students Authors: Baohua Su, Jun Peng, Heng Xu, Kaiyi Chen, Zhuoxiao Zhou, Hua Liu Presenter: Heng Xu, Jinan University, China
CS579 16:24-16:36	Paper Title: Application of generative artificial intelligence to explore the innovative path of teaching evaluation for primary school teachers Authors: Han Yuting, Chen Mei Presenter: Yuting Han, Inner Mongolia Normal University, Hohhot, China

Track 4 - Session 3

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence **Session Chair: Assoc. Prof. Songling Qian, Jilin Normal University, China** Time: 14:00-16:44, May 15, 2025 Onsite Room: IA109	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
CS580 14:00-14:12	Paper Title: Enhancing Chinese Character Writing Learning: The Role of MLLM-based Intelligent Tutoring Systems Authors: Baohua Su, Wuqiong Tan, Jun Peng, Liting Wang, Qiying Chen Presenter: Wuqiong Tan, Jinan University, China
CS588 14:12-14:24	Paper Title: Design of a Learning Companion Agent for In - Depth Discussions among College Students Authors: Yu Jia, Jihong Xu, Xiuci Xu Presenter: Yu Jia, Inner Mongolia Normal University,China
CS591 14:24-14:36	Paper Title: Design of a Multi-Agent System for Personalized Training of Normal School Students' Teaching Skills Authors: Xiuci Xu, Jihong Xu, Yu Jia Presenter: Xiuci Xu, Inner Mongolia Normal University, China
CS626 14:36-14:48	Paper Title: From Programming Empowerment to AI Empowerment: A Study with Chinese Primary School Students in Information Technology Courses Authors: Kaiwen Pan, Qing Zhang, Bowen Li, Jeong Jin Yu Presenter: Kaiwen Pan, Xi'an Jiaotong-Liverpool University, China
CS627 14:48-15:00	Paper Title: Investigating Collaborative Knowledge Construction among Pre-service Teachers Supported by ChatGPT in a Learning Community Authors: Huiying Cai, Bing HanJiayue Sun Presenter: Bing Han, Jiangnan University, China
CS628 15:00-15:12	Paper Title: Research on the Application of Virtual Reality Technology in the Field of Education Authors: Wenxiu Du, Zhenguo Xu, Tongtong Dang Presenter: Wenxiu Du, Qufu Normal University, China
CS632-A 15:12-15:24	Paper Title: Exploring GenAI literacy across disciplines: a mixed-methods study in a Chinese EMI university Authors: Ying Zhou, Samantha Curle, Jitong Zou Presenters: Ying Zhou, Xi'an Jiaotong Liverpool University, China; Jitong Zou, Xi'an Jiaotong-Liverpool University, China
CS638-A 15:24-15:36	Paper Title: A New Gold Rush? A Systematic Review and Quality Assessment of the Earliest Research Into the Use of Generative Artificial Intelligence in Higher Education Authors: Trevor Mahy, Hua Li Presenter: Trevor Mahy, Xi'an Jiaotong-Liverpool University, Canada

CS645 15:36-15:48	Paper Title: Intelligent Integration of Social-Emotional Learning into Pre-service Teacher Education: A Study on the Roadmap for Cultivating Hybrid Learning Community Authors: Xi Huang, Yifan Gong, Hui Liu, Jin Huang Presenter: Xi Huang, Hubei Univeristy of Education, China
CS647-A 15:48-16:00	Paper Title: AI-Driven Reading Intervention for Chinese Adult ADHD Learners: A CAIR-Based Approach Integrating Large Language Models Authors: Zixiang Wei，Jianjun Wang Presenter: Zixiang Wei, University of New South Wales, Australia
Invited Speech 16:00-16:20	Invited Speaker: Prof. Xiangjie Kong, Zhejiang University of Technology, China Speech Title: Knowledge and Data Driven Computational Social Science: From Academic Networks to Urban Networks
CS686-A 16:20-16:32	Paper Title: Empirical Study on Generative Artificial Intelligence (AI Learning Companion) Supported Personalized Collaborative Learning Authors: Zhi Liu, Yuqi Dong, Jianling Wang, Wei Gu, Lulu Hu Presenter: Zhi Liu, Shanghai Normal University, School of Education, China
CS667-A 16:32-16:44	Paper Title: Case Study of The Impact of Teacher Learning Directed at Students' Cognitive Development Supported on Students' Achievement by Generative AI Authors: Yang Yang, Yuqi Dong, Yuejiao Yu, Zhuonan Lin, Yunqi Yang Presenter: Yang Yang, Shanghai Normal University, School of Education, China

Track 4 - Session 4

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence **Session Chair: Prof. Yong Cao, University of Alaska Anchorage, USA** Time: 14:00-16:36, May 15, 2025 Onsite Room: HS336	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
CS672 14:00-14:12	Paper Title: They Think They Use AI: Assessing the relations between Attitudes toward AI and AI proficiency among university students Authors: Alina Ivanova, Ksenia Tarasova, Daniil Talov Presenter: Alina Ivanova, HSE University, Russian Federation
CS684 14:12-14:24	Paper Title: A bibliometric Analysis of Artificial Intelligence Integration in Teacher Education in China Authors: Derun Wang, Huihui Wu Presenter: HUIHUI WU, Universiti of Malaya, Malaysia
CS690 14:24-14:36	Paper Title: Metacognitive Strategy Networks in GenAI-Enhanced Learning: An Epistemic Network and Lag Sequence Analysis of High and Low Self-Efficacy Students Authors: Xueyan Cao, Wei Wei, Ziqi Chen Presenter: Xueyan Cao, Macao Polytechnic University, Macao, China
CS693 14:36-14:48	Paper Title: Artificial Intelligence Literacy Test for Early Adolescents: Design Principles, Content Validation, and Pilot Testing Authors: Chuyi Miao, Shuhan Zhang Presenter: Chuyi MIAO, Macao Polytechnic University, Macao, China
CS697-A 14:48-15:00	Paper Title: AI Powered Eye Tracking Tool for Advertising Design in Undergraduate Marketing Education Author: Yong Cao Presenter: Yong Cao, College of Business and Public Policy, University of Alaska Anchorage, USA
CS699 15:00-15:12	Paper Title: Based on the hot and cold thoughts on AI education in primary and secondary schools at the 2025 National People's Congress Authors: Li Xin, Li Yu Presenter: Li Xin, Changchun Normal University, China
CS700 15:12-15:24	Paper Title: AI-Powered Digital Transformation in Higher Education: Intelligent Simulation Tool Authors: Xiaopuwen Wang, Ping Yue, Li Zheng Presenter: Xiaopuwen Wang, Chengdu Technological University, China
CS701-A 15:24-15:36	Paper Title: The Connotation, Framework, and Development Pathways of Artificial Intelligence Literacy for Primary and Secondary School Teachers Authors: Hui Du, XiaoWei Kang Presenter: Hui Du, Capital Normal University, China

CS707-A 15:36-15:48	Paper Title: Cultivating Pre-service Teachers' Teacher Morality With AI: Implications, Existing Challenges and Practical Approaches Authors: Jinling Guo, Miao Pei Presenter: Jinling Guo, Beijing Normal University, China
CS713 15:48-16:00	Paper Title: Driving Forces and Technology-empowered Paths of Knowledge Production for Pre-teachers Author: Yun Ma Presenter: Yun Ma, Yanbian University, China
CS716 16:00-16:12	Paper Title: A Practical Study of Applying Generative Artificial Intelligence to Promote Programming Learning Engagement for Middle School Students Authors: Guochao Zheng, Jinlong Piao, Guohong Zhao Presenter: Guochao Zheng, Yanbian University, China
CS661 16:12-16:24	Paper Title: Developing Adaptive Systems and Digital Learning Resources for Academic English Reading: Needs Analysis of Science and Engineering Graduates in China Authors: Yifan Miao, Tingting Fan Presenter: Yifan Miao, Nanjing University of Aeronautics and Astronautics, China
CS670 16:24-16:36	Paper Title: From AI Literacy to AI Competency: Fostering Human Agency and Critical Thinking through Andragogical Practice Authors: Umar Ruhi, Maria Nieto-Taborda, Kimberley Nault Presenter: Umar Ruhi, University of Ottawa, Canada

Special Session

Special Session: Innovative Technologies and Emerging Trends in Transnational Education **Session Chair: Assoc. Prof. Yang XIA，Nanjing Normal University School of Education，China** Time: 14:00-16:08, May 15, 2025 Onsite Room: IA121 Zoom ID: 863 7853 0485 Zoom link: https://us02web.zoom.us/j/86378530485 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Keynote Speech 14:00-14:20	Keynote Speaker: Delon Chai, Curtin University, Malaysia Speech Title: Not just DEI: Why UDL is the Key to Real Inclusion in Education
CS709-A 14:20-14:32	Paper Title: Engineering students' perception of communication skills in the age of AI Author: Yunyan Zhang, Wenzhou Li Presenters: Wenzhou Li, Xi'an Jiaotong-Liverpool University, China Yunyan Zhang, Xi'an Jiaotong-Liverpool University, China
CS185-A 14:32-14:44	Paper Title: Practices and correlates of using generative AI in doctoral education: a comparative case study in China and Russia Author: Danila Pavliuk, Svetlana Zhuchkova, Evgeniia Shmeleva, Evgeniy Terentev Presenter: Evgeniia Shmeleva, HSE University, Russia
CS190 14:44-14:56	Paper Title: Broadening Global Perspectives: Innovative Educational Trends Driving Transnational Connectivity Author: HuaJiu Quan, YanQiu Du Presenter: Huajiu Quan, LanZhou University, China
CS195 14:56-15:08	Paper Title: Exploration of students engagement in virtual internationalization: A case study from a non-elite university in China Author: Jiajun Li, Yujuan Luo Presenter: Jiajun Li, Xi'an Jiaotong-Liverpool University, China
CS201 15:08-15:20	Paper Title: Chatbots as a Speaking Partner: Improving Student Confidence for Public Speaking Author: Chong Yu Presenter: Chong Yu, Curtin University Malaysia, Malaysia
CS521 15:20-15:32	Paper Title: Enhancing Multilingual Emotion Classification with Attention Mechanism for Transnational Education Author: Tianyi Wu, Yongrun Huang, Erick Purwanto, Filbert H. Juwono, Fu Ee Tang Presenter: Tianyi Wu, Xi'an Jiaotong-Liverpool University, China
CS664 15:32-15:44	Paper Title: Comparative Analysis of GPT and BERT for Automated Open-Ended Question Scoring Authors: Sherlyn Hwang, Saaveethya Sivakumar, Choo W.R. Chiong Presenter: Sherlyn Hwang, Curtin University Malaysia, Malaysia

CS677-A 15:44-15:56	Paper Title: Reimagining Cultural Dialogue with GenAI: A Critical Pedagogical Approach in Intercultural Education Author: Xiaoxue Zhao Presenter: Xiaoxue Zhao, Xi'an Jiaotong-Liverpool University, China
CS121 15:56-16:08	Paper Title: A Scalable Gamified Learning Platform for Enhanced Educational Engagement Author: Angelique Emily En Xian Lau, Saaveethya Sivakumar, King Hann Lim, Jia Yi Lai, Hedges Zhi Chao Yeu, Wei Hang Lee, Kai Siang Chong Presenter: Angelique Emily Lau En Xian, Curtin University Malaysia, Malaysia

AI and Education Practice Presentation Session

AI and Education Practice Presentation Session **Session Chair: Charlie Reis, Xi'an Jiaotong-Liverpool University, China** Time: 14:00-15:36, May 15, 2025 Onsite Room: HS422	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
CS185-A 14:00-14:12	Paper Title: Practices and correlates of using generative AI in doctoral education: a comparative case study in China and Russia Authors: Danila Pavliuk, Svetlana Zhuchkova, Evgeniia Shmeleva and Evgeniy Terentev Presenter: Danila Pavliuk, Institute of Education, HSE University, Russia
CS183 14:12-14:24	Paper Title: Effects of integrating an Intelligent Question Answering (IQA) tool into a Virtual Reality-based Flipping Learning (VR-FL) approach on vocational nursing students' learning achievements and motivation Authors: Yongqiao Li, Yuting Chen, Junjie Gavin Wu Presenter: Yongqiao Li, Macao Polytechnic University, China
CS655-A 14:24-14:36	Paper Title: Exploring Teachers' Motivation and Readiness to Integrate Technology in EAP Classes: Insights from a Pilot Study in an EMI Context Authors: Ediyanto Liu & Christopher Redmond Presenter: Ediyanto Liu, Xi'an Jiaotong-Liverpool University, China
CS676-A 14:36-14:48	Paper Title: Practice of Integrating AI literacy into an EAP Module Author: Xiucai Lu Presenter: Xiucai Lu, Xi'an Jiaotong-Liverpool University, China
CS227-A 14:48-15:00	Paper Title: Applying an AI Literacies Framework to an Academic Writing Curriculum Authors: Huimin He, Joseph Tinsley Presenter: Huimin He, Xi'an Jiaotong-Liverpool University, China
CS554 15:00-15:12	Paper Title: Research on Generative Artificial Intelligence Promoting Interdisciplinary Deep Learning Mechanisms and Learning and Teaching Strategies Authors: Chen Longlong, Qiao Shoujun, Gao Lixiang, Luo Xinbing, Chen Gang, Liu Zaiping Presenter: Shoujun Qiao, Faculty of Education Shaanxi Normal University Xi'an, China
CS209-A 15:12-15:24	Paper Title: The Media Progression of Moral Education in the Age of Artificial Intelligence (AI) and Its Realization Author: Hanxue Lv Presenter: Hanxue Lv, Faculty of Education, East China Normal University, China
CS506-A 15:24-15:36	Paper Title: Integrating AI-Generated Multimodal Content for Personalised Learning in Digital Media Education Authors: Yi Meng, Benazir Quadir Presenters: Yi Meng, Benazir Quadir, Xi'an Jiaotong-Liverpool University, China

Poster Sessions

Poster Session 1

Poster Session 1 **Session Chair: Tianyu Zhang, Xi'an Jiaotong-Liverpool University, China** Time: 14:00-15:52, May 15, 2025 Onsite Room: IA LEVEL1 Hall		
*Presenters are recommended to arrive 10 mins in advance. ** Each presenter will be given 8 minutes for a poster pitch. ***During the poster session, please remain by your poster to engage with attendees and answer any questions.		
No.1	CS136 14:00-14:08	Paper Title: A Comprehensive Analysis of Artificial Intelligence Ethics and Its Integration into Graduate Engineering Ethics Courses Authors: Xiaogang Liu, Chenxi Zhao, Yudong Bao, Jingang Jiang, Ye Dai, Yuhang Wang Presenter: Xiaogang Liu, Harbin University of Science and Technology, China
No.2	CS146 14:08-14:16	Paper Title: The impact of Generative Artificial Intelligence literacy and use on college students' personalized learning Authors: Ying Tan, Xiaohong Zeng, Xiao Tan Presenter: Ying Tan, Yunnan Minzu University, China
No.3	CS176 14:16-14:24	Paper Title: Empowering Knowledge Building Teachers' Lesson Planning by Agents Authors: Yibing Zhang, Zixin Hu, Haiyang Xin, Linling Lan Presenter: Zixin Hu, Nanjing Normal University, China
No.4	CS188-A 14:24-14:32	Paper Title: AI-Enhanced Educational Tools for Children with Neurodevelopmental Disorders: A Scoping Review of Effectiveness and Future Directions Authors: Run Wen, Rong Yan Presenter: Run Wen, Xi'an Jiaotong-Liverpool University, China
No.5	CS197 14:32-14:40	Paper Title: Innovative Research on Interdisciplinary Collaborative Education Mechanisms Driven by Artificial Intelligence Authors: Wenda Li, Na Su Presenter: Wenda Li, Jiangsu University of Science and Technology, China
No.6	CS218-A 14:40-14:48	Paper Title: AI-based Educational Games vs. Gamification: Exploring the Impact of Pedagogical Approaches and Gender Differences on Language Learning Authors: LiuShuyao, ZhengBofei Presenter: Bofei Zheng, Universiti Malaya, Malaysia
No.7	CS256-A 14:48-14:56	Paper Title: Beyond Traditional Teaching: Evaluating AI-Assisted Language Optimization for Job Application Materials Authors: Bingru Chen, Yao Yao Presenter: Bingru Chen, The Chinese University of Hong Kong, China
No.8	CS519 14:56-15:04	Paper Title: Laboratory Teaching Design for an Undergraduate Brain and Cognitive Sciences Course in Artificial Intelligence Program

		Authors: Xiaoyan Zhang, Sheng-hua Zhong Presenter: Shenghua Zhong, Shenzhen University, China
No.9	CS541 15:04-15:12	Paper Title: The Application of Generative Artificial Intelligence in Education: An Analysis of the 25th International Conference on Artificial Intelligence in Education (AIED 2024) Authors: Zefei Wang, Kaiquan Chen Presenter: Zefei Wang, Ocean University of China, China
No.10	CS532 15:12-15:20	Paper Title: Opportunities and Challenges of AI Empowerment in University Teaching Authors: WenJuan Bu, YunTian Zhao, Hui Shu, JiangTao Xie Presenter: Wenjuan bu, Information Engineering University, China
No.11	CS547 15:20-15:28	Paper Title: An Improved Lightweight Method for Micro-expression Recognition in Online Learning Authors: Dan Liu, Yifan Zhang Presenter: Yifan Zhang, Liaoning Normal University, China
No.12	CS552 15:28-15:36	Paper Title: "Dependence" or "Critical Thinking"? The Thinking Choices of Education Doctoral Students in Generative AI Environment: Qualitative Research Based on Interview Authors: Yankun He; Kenan Xiao; Zhuoran Shi; Lin Zhao Presenter: Yankun He; Auburn University, USA
No.13	CS553 15:36-15:44	Paper Title: Adaptive AI Agent Systems for Personalized Learning: Frameworks, Algorithms, and Practical Applications in Education Authors: Kenan Xiao, Yankun He Presenter: Kenan Xiao, Auburn University, United States
No.14	CS562 15:44-15:52	Paper Title: Promoting student engagement in CSCL through scaffolds and generative AI-based conversational agent Authors: Qian Liu, Xianmin Yang, Xin Li Presenter: Qian Liu, Jiangsu Normal University, China

Poster Session 2

Poster Session 2 **Session Chair: Assoc. Prof. Sheng Hu, Xi'an Polytechnic University, China** Time: 14:00-15:52, May 15, 2025 Onsite Room: IA LEVEL1 Hall		
* Presenters are recommended to arrive 10 mins in advance. ** Each presenter will be given 8 minutes for a poster pitch. ***During the poster session, please remain by your poster to engage with attendees and answer any questions.		
No.15	CS564 14:00-14:08	Paper Title: Exploring the Construction of a standard AI Literacy Framework for Middle School Student in the Era of GAI: Focusing on the Assessment of AI Application and Innovation Authors: Jiayi Wu, Bo Zhang, Bo Jiang, Jiayi Liu, Tatasova Ksenia Presenter: Jiayi Wu, East China Normal University, China
No.16	CS570 14:08-14:16	Paper Title: Quality of collaborative learning discovered by data mining and visualization Authors: Yixuan Wang, Nanlin Jin, Ho-Pun Lam Presenter: Yixuan Wang, Xi'an Jiaotong Liverpool University，China
No.17	CS571 14:16-14:24	Paper Title: A Randomized Controlled Trial Exploring the Moderating Effect of University Students' Acceptance of IoT Devices on the Relationship Between IoT Device Usage and Physical Performance Authors: Jun Peng ， Yuming Xu*， Nuan Wen， Shan He Presenter: Yuming Xu, Guangdong University of Finance & Economics, China. And City University of Macao, China.
No.18	CS608-A 14:24-14:32	Paper Title: Exploring the Impact of AI-Integrated STEAM Curriculum on Students' Computational Thinking Skills Development in a Primary School in China Authors: Bowen Li, Kaiwen Pan, Qing Zhang Presenter: Bowen Li, Xi'an Jiaotong-Liverpool University, China
No.19	CS637 14:32-14:40	Paper Title: Empowering the Construction of a New Quality Military Talent Training System in Industry Characteristic Universities with Digital Intelligence Technology Authors: Mingqiu Ren, Yiheng Tian, Bingqie Wang, Yi Leng Presenter: Ren Mingqiu, Air Force Early Warning Academy, China
No.20	CS648 14:40-14:48	Paper Title: Assessing the Influence of Fishbone Digital Learning Design (FDLD) and Generative Artificial Intelligence (GenAI) on Enhancing Course Design Authors: guanru.lyu, GUANG YANG, LAN LUO, Jiachen Zhou, Na li Presenter: Guanru.lyu, Xi'an Jiaotong-Liverpool University, China
No.21	CS665-A 14:48-14:56	Paper Title: Understanding Human and AI Communication: A Framework for Critical AI Literacy Education Grounded in Languaging Theory Authors: Liang Cao & Angel M. Y. Lin Presenter: Liang Cao, The Education University of Hong Kong, China

No.22	CS679 14:56-15:04	Paper Title: From German Innovation to Chinese Application: AI/VR Strategies for Medical Education in Underdeveloped Regions Author: Xitong Ren Presenter: Xitong Ren, Xi'anJiaotong-Liverpool University, China
No.23	CS694 15:04-15:12	Paper Title: A Systematic Review Of Undergraduate Programming Difficulties: Highlighting AI Tools to Address Learning Challenges Authors: Rong Luo, Na Li, Mark Leach, Eng Gee Lim, Samuel Saunders Presenter: Rong Luo, XJTLU, China
No.24	CS696 15:12-15:20	Paper Title: AI-Enabled Education Integrated with Real-World Cases in a Specific Major: An Example of Aircraft Power Engineering Authors: Jing Yang, Gangjin Huang, Wuguo Wei, Yaoming Fu Presenter: Jing Yang, Civil Aviation Flight University of China, China
No.25	CS711 15:20-15:28	Paper Title: Measuring Teacher Digital Literacy in China: Development and Preliminary Validation of a Multidimensional Scale Authors: Liu Chunxi, Liu Yige, Zhang Weida Presenter: Chunxi Liu, HeXie Management Centre, Xi'an Jiaotong-Liverpool University, China
No.26	CS722 15:28-15:36	Paper Title: Teaching practice evaluation of medical mathematical statistics based on knowledge graph Authors: Di Wu Sheng Hu Lingzhi Hu Junhua Hu Hui Zhi Xiangwen Li Xuan Yang Presenter: Sheng Hu, Xi'an Polytechnic University, China
No.27	CS725 15:36-15:44	Paper Title: Leveraging AI-Driven Feedback Tools to Enhance Teacher Performance in EMI Classrooms - A Case Study in Sino-Foreign Universities Authors: Yige Liu, Chunxi Liu, Caroline Hands Presenter: Yige Liu, HeXie Management Centre, Xi'an Jiaotong-Liverpool University Suzhou, China Department of Psychology, University of Liverpool Liverpool, UK
No.28	CS737 15:44-15:52	Paper Title: Exploration and Practice of Ideological and Political Education for intelligent manufacturing major: A Case Study in the reformation of Courses in Artificial Intelligence Authors: Sheng Hu, Di Wu, Xiaohui Zhao and Pengfei Huyan Presenter: Sheng Hu, Xi'an Polytechnic University, China

RC4AIED Special Session

Session Chair: Dr Tünde Varga-Atkins, Educational Developer, University of Liverpool, UK Time: 13:30-14:58, May 16, 2025 Onsite Room: IA121 Zoom ID: 831 4798 4978 Zoom link: https://us02web.zoom.us/j/83147984978 (Password:202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 13:30-13:50	Invited Speaker: Gloria Wan, Head of Client Relations, PTE, Greater China, China Speech Title: The Application, Innovation, and Challenges of AI in English Testing
Invited Speech 13:50-14:10	Invited Speaker: Dr Tünde Varga-Atkins, Educational Developer, University of Liverpool, UK Title: How is Generative AI being used in multimodal learning, teaching and assessment in higher education contexts? Authors: Dr Tunde Varga-Atkins; Dr Sam Saunders; Dr Na Li; Dr Run Wen; Professor Peter Hartley; Sue Beckingham; Nayiri Keshishi; Dr Nataša Lackovic; Rob Lindsay; Dr Isabelle Winder Presenters: Dr Tunde Varga-Atkins; Dr Sam Saunders;
RC4AIED Speech 14:10-14:22	Title: A conceptual model for university students' use of generative AI based on expectancy-value theory Authors: Rita Detrick, Jinhee Kim, Haiqin Yu, Jianyi Li and Na Li, Presenter: Rita Detrick, Old Dominion University, USA
RC4AIED Speech 14:22-14:34	Title: AI Goes Multigrade Rural Schools: Voices of Nigerian multigrade rural schools in challenges for the implementation of AI in Education Authors: Jinhee Kim, Erin Brown, Mutiu Azeez, Rita Detrick and Seongryeong Yu Presenter: Erin Brown, Old Dominion University, USA
RC4AIED Speech 14:34-14:46	Title: University students' and teachers' acceptance of AI-driven online assessments under technology acceptance model Authors: Yezi Yang, Ling Tan, Lujia Li, Rebeca Valero Presenters: Yezi Yang, Xi'an Jiaotong-Liverpool University, China Ling Tan, Xi'an Jiaotong-Liverpool University, China Lujia Li, Xi'an Jiaotong-Liverpool University, China
RC4AIED Speech 14:46-14:58	Title: Collaborative AI Design: Partnering with Teachers to Create Effective Learning Activities Author: Yexiang Wu Presenter: Yexiang Wu, Xi'an Jiaotong Liverpool University, China

Online Sessions

Day 3, Friday, May 16, 2025

Time	Zoom ID	Activities
9:30-12:02	Zoom ID: 842 7941 1368	Track 1： AI-Enabled Personalized Education: Innovations and Challenges Track 1- Online Session 1 Invited Speaker: Dr. Alexandre St-Vincent Villeneuve, McGill-UQAM Université du Québec à Montréal, Canada CS104, CS120-A, CS134, CS135, CS140, CS173, CS175, CS187, CS220-A, CS555, CS597
9:30-12:14	Zoom ID: 811 4426 7261	Track 2.3.5： AI and Global Harwell - Online Session Invited Speaker: Prof. Chuan-Ming Liu, Taipei University of Technology, Taiwan, China CS132, CS133, CS235-A, CS192, CS508-A, CS529, CS535, CS612, CS687, CS724, CS745, CS712
9:30-12:02	Zoom ID: 893 2150 3640	Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence Track 4- Online Session 1 Invited Speaker: Assoc. Prof. Di Sun, Dalian University of Technology, China CS119, CS151, CS167, CS194, CS226, CS238, CS502, CS509, CS530, CS534, CS578

Time	Zoom ID	Activities
13:30-15:50	Zoom ID: 842 7941 1368	Track 1： AI-Enabled Personalized Education: Innovations and Challenges Track 1- Online Session 2 Invited Speaker: Prof. Xiwen Zhang, Beijing Language and Culture University, China CS503, CS609-A, CS615, CS616, CS642, CS673, CS704, CS708, CS727, CS747
13:30-16:02	Zoom ID: 893 2150 3640	Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence Track 4- Online Session 2 Invited Speaker: Prof. Jiuhong Yu, Ningbo University of Finance and Economics, China

		CS621, CS625, CS646, CS649, CS652, CS656, CS662, CS666, CS682, CS688, CS674
13:30-16:10	Zoom ID: 811 4426 7261	Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence Track 4- Online Session 3 Invited Speaker: Assoc. Prof. Khairul Azhar Bin Hj Mat Daud, Universiti Malaysia Kelantan, Malaysia CS703, CS706, CS710, CS715, CS721, CS732, CS733, CS734, CS741, CS744
15:50-17:50	Zoom ID: 842 7941 1368	AI and Education Practice Presentation Session - Online session Invited Speaker: Assoc. Prof. Jian Liao, Southwest University, China Invited Speaker: Assoc. Prof. Dr. Cong Wang, Northwestern Polytechnical University, China Invited Speaker: Prof. Kasturi Vasudevan, Indian Institute of Technology Kanpur, India CS594, CS137, CS726, CS678, CS253

Track 1 Online Session 1

Track 1: AI-Enabled Personalized Education: Innovations and Challenges **Session Chair:** Time: 9:30-12:02, May 16, 2025 Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 9:30-9:50	Invited Speaker: Dr. Alexandre St-Vincent Villeneuve, McGill-UQAM Université du Québec à Montréal, Canada Speech Title: GenAI in special education: Exploring leadership paradigms and practical insights
CS104 9:50-10:02	Paper Title: Empowering Geography Education with Artificial Intelligence: Exploring Application Practices and Reform Pathways Authors: Jia Yu, Dalong Ma, Xiangwen Wu Presenter: Xiangwen Wu, Harbin Normal University, China
CS120-A 10:02-10:14	Paper Title: From Chalkboards to Digital Screens: How Classroom Technology Influences Student Behavior Authors: Sher Alam Khan, Giorgio Poletti, Muhammad Nadim Ameen, Sajjad Hussain, Farooq Nawaz Khan Presenter: Sher Alam Khan, PhD Scholar, University of Modena Reggio Emilia, Italy
CS134 10:14-10:26	Paper Title: Exploring the AI-Empowered BOPPPS Model in a Basic Photography and Videography Course Authors: Dechun Liao Presenter: Dechun Liao, Chongqing College of Mobile Communication, China
CS135 10:26-10:38	Paper Title: An AI-aided Student Classroom Behavior Detection Algorithm Based on Classroom Images Authors: Yuanhang Guo, Yabo Luo, Feng Zhang, Kaipu Wang Presenter: Yuanhang Guo, Wuhan University of Technology, China
CS140 10:38-10:50	Paper Title: GenAI in Online Collaborative Argumentation: Comparing Interaction Patterns Between High and Low Performers Authors: Jinhee Kim, Rita Detrick, Sang-Soog Lee, Na Li Presenter: Rita Detrick, Old Dominion University, US
CS173 10:50-11:02	Paper Title: Rethinking and Exploring the Ethics of Artificial Intelligence Applications in Education Authors: Wu Keying, Chen Yuanyuan, Jiang Wenqi Presenter: Wu Keying, Northwest Normal University, China
CS175 11:02-11:14	Paper Title: Exploring the Relationship between Human Teachers and Machines in the Age of Intelligence-Human-Machine Symbiosis Authors: Yuanyuan Chen, Wenqi Jiang, Keying Wu Presenter: Yuanyuan Chen, Northwest Normal University, China

CS187 11:14-11:26	Paper Title: Leveraging Psychometric Modeling for Enhancing Programming Skill Assessments Authors: Chen Li, Mo Zhang, Xiang Liu, Hongwen Guo, Amy J Ko, Min Li Presenter: Chen Li, ETS, USA
CS220-A 11:26-11:38	Paper Title: Generative AI-Enhanced Network Teaching and Research Model: Addressing Diverse Professional Development Needs of Teachers Author: Lele Shang Presenter: Lele Shang, College of Education, Ludong University, Yantai, Shandong, China
CS555 11:38-11:50	Paper Title: The Times Value, Realistic Dilemma and Possible Path of Digital Literacy Cultivation of Chinese University Teachers Author: Yuhong Xiao Presenter: Yuhong Xiao, Chongqing Normal University, China
CS597 11:50-12:02	Paper Title: Innovation of Artificial Intelligence Empowering Literary Translation Teaching Author: Li Yan Presenter: Li Yan Beijing Forestry University, China

Track 1 Online Session 2

Track 1: AI-Enabled Personalized Education: Innovations and Challenges **Session Chair:** Time: 13:30-15:50, May 16, 2025 Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 13:30-13:50	Invited Speaker: Prof. Xiwen Zhang, Beijing Language and Culture University, China Speech Title: Intelligently Recognizing Digital Ink Chinese Text by Junior International Students
CS503 13:50-14:02	Paper Title: A Study on the Impact of ChatGPT on Information Transmission in Collaborative Learning Environments Authors: Jiaying Xiao, Yi Dai Presenter: Jiaying Xiao
CS609-A 14:02-14:14	Paper Title: High School Students' Use of AI for English Language Learning Author: Erbin Huang Presenter: Erbin Huang, Xi'an Jiaotong Liverpool University, China
CS615 14:14-14:26	Paper Title: The Reform and Practice of Blended Teaching in Emerging Engineering Courses under the Background of Educational Digitalization Authors: Kang LIU, Yuan LI, Jinfeng ZHANG, Xinying YANG Presenter: Kang LIU, Wuhan University of Technology, China
CS616 14:26-14:38	Paper Title: Innovative Application of AI in Country Garden Kindergarten Teaching: Technological Empowerment and Educational Practice Authors: Jiaze Li, Guowei Li, Heng Chen Presenter: Jiaze Li, Hainan Normal University, China
CS642 14:38-14:50	Paper Title: Exploring Directions and Strategies for Innovative AI Applications in Education Authors: Bingxue Guo, Yong Liu, Jiaqi Liu Presenter: Jiaqi Liu, Wuhan University of Science and Technology, China
CS673 14:50-15:02	Paper Title: AIGC-Driven teaching quality: A Closed-Loop Feedback Framework integrating RFM Stratification and Education Prompt Engineering Authors: Enfan Chen Presenter: Enfan Chen, Guangdong University of Foreign Studies, China
CS704 15:02-15:14	Paper Title: Improving Young Learners with Copilot: The Influence of Large Language Models (LLMs) on Cognitive Load and Self-Efficacy in K-12 Programming Education Authors: Wan Chong Choi, Jun Peng, Iek Chong Choi, Huey Lei, Lai Chu Lam, Chi In Chang Presenter: Wan Chong Choi, Department of Computer Science, Illinois Institute of Technology, US

CS708 15:14-15:26	Paper Title: Application of AI Tools in Education: A Quantitative and Qualitative Analysis of the Student Writing Process Authors: Xiaohong Li, Zhanji Yang, Jizhu Zhang and Qian Li Presenter: Zhanji Yang, Pu'er University, China
CS727 15:26-15:38	Paper Title: Edge-Cloud Collaborative Speech-Driven Adaptive Learning System with Emotion-Cognitive Integration for Personalized English Education Authors: Liying Li, Fei Gao, Xiaoling Lyu, Fang Liu Presenter: Liying Li, Shanghai Zhongqiao Vocational and Technical University, China
CS747 15:38-15:50	Paper Title: Research on Data Privacy and Security Management in Artificial Intelligence Empowered Personalized Education Authors: Caixia Yang, Mingchen Gao, Tao Shen Presenter: Mingchen Gao, Harbin University of Science and Technology, China

Track 2 & Track 3 & Track 5 Online Session

Theme: AI and Global Harwell **Session Chair:** Time: 9:30-12:14, May 16, 2025 Zoom ID: 811 4426 7261 Zoom link: https://us02web.zoom.us/j/81144267261 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 9:30-9:50	Invited Speaker: Prof. Chuan-Ming Liu, Taipei University of Technology, Taiwan, China Speech Title: Learned Indices for Spatial Data
CS132 9:50-10:02	Paper Title: The Correlation Between Enjoyment and Student Autonomy in A Game-Based Online Learning Environment Author: Chai Lee Goi Presenter: Chai Lee Goi, Curtin University, Malaysia
CS133 10:02-10:14	Paper Title: The Impact of Gamified Learning on Financial Literacy and Behavioral Change Authors: Chia - Hao, Chiu Presenter: CHIA-HAO, CHIU, Soochow University, Taiwan
CS235-A 10:14-10:26	Paper Title: Enhancing Cybersecurity Education through Gamification: A Learning Framework for Improved Engagement and Skill Development Authors: Dr. C.V. Suresh Babu, Dr. Veeramani Shanmugam Presenter: Veeramani Shanmugam, Senior Lecturer, Electrical and Computer Engineering, Curtin University, Malaysia
CS192 10:26-10:38	Paper Title: A Multi-Dimensional Framework for Measuring Immersion in Gamified Learning: Theoretical Foundations, Practical Applications, and Future Directions Authors: Deyu Wang, Luhe Liu Presenter: Deyu Wang, The Chinese University of Hong Kong, Shenzhen/Columbia University, China
CS508-A 10:38-10:50	Paper Title: Leveling Up Language Learning: Integrating AI and Innovative Pedagogies in Chinese for Professionals Author: Xiaoying Yu Presenter: Xiaoying Yu, University of Michigan, USA
CS529 10:50-11:02	Paper Title: The Path for Deep Integration of Middle School Health Discipline Curriculum and Artificial Intelligence Technology——A Study from the Perspective of AI-TPACK Theoretical Framework Author: Haoyu Wang Presenter: Haoyu Wang, Beijing No.27 High School, China
CS535 11:02-11:14	Paper Title: Systemic Impact of Comic-Themed Gamification on Learner Engagement and Retention Authors: Dr. Juliet Rajan, Ning Wei Presenter: Dr. Juliet Rajan, Microsoft, India

CS612 11:14-11:26	Paper Title: Interdisciplinary Integration of Knowledge Construction Based on the ARCS Motivational Model in AI-Driven Gamified Learning Environments Authors: You You Yu, Chen Zihan, Huang Mengfang Presenter: You You, Northwestern University, China
CS687 11:26-11:38	Paper Title: Performance Enhancement of Agentic Retrieval Augmented Generation using Relevance Generative Answering Authors: Sanjay Kukreja, Tarun Kumar, Dr. Vishal Bharate, Sweta Gadwe, Dr. Abhijit Dasgupta, Dr. Debashis Guha Presenter: Sanjay Kukreja, SP Jain School of Global Management, Mumbai, India
CS724 11:38-11:50	Paper Title: An Immersive English Teaching System Based on Multi-modal Signal Processing and Machine Learning Authors: Liying Li, Fei Gao, Fang Liu, Xiaoling Lyu Presenter: Liying Li, Shanghai Zhongqiao Vocational and Technical University, China
CS745 11:50-12:02	Paper Title: Research on Personalized Learning Path for Entrepreneurship Education in the Background of Artificial Intelligence Plus Authors: Caixia Yang, Shaojie Yi, Yuehong Ji, Yue Feng Presenter: Shaojie Yi, Harbin University of Science and Technology, China
CS712 12:02-12:14	Paper Title: Generative AI in LEGO Education: Opportunities & Ethical Challenges in Digital Learning Development Authors: Zhaoying Liang, Fangye Zhang, Tiange Zhou Presenter: Zhaoying Liang

Track 4 Online Session 1

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence **Session Chair:** Time: 9:30-12:02, May 16, 2025 Zoom ID: 893 2150 3640 Zoom link: https://us02web.zoom.us/j/89321503640 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 9:30-9:50	Invited Speaker: Assoc. Prof. Di Sun, Dalian University of Technology, China Speech Title: Research and Applications of Generative Artificial Intelligence in Education
CS119 9:50-10:02	Paper Title: Empowering Young Learners: A Machine Learning Study on Teachers' Influence in Creativity and Critical Thinking Authors: Muhammad Amin Nadim, Raffaele Di Fuccio, Sher Alam Khan, Usman Nawaz Presenter: MUHAMMAD AMIN NADIM, UNIVERSITY OF FOGGIA & UNIVERSITY OF TELEPEGASO, ITALY
CS151 10:02-10:14	Paper Title: Research and Evaluation on the Labor-Innovation Integration Education Path Based on Knowledge Graph Authors: Jiang Jin-gang, Zhang Jia-wei, Wang Ya-ping, Wang Kai-rui, Shen Tao, Bao Yu-dong Presenter: Jiang Jingang, Harbin University of Science and Technology, China
CS167 10:14-10:26	Paper Title: Research on the AIGC-assisted Instructional Model of Integrating Computational Thinking in STEM Education Authors: Shaoying Zhang, Lan Wu Presenter: Shaoying Zhang, Nanjing University of Information Science & Technology, China
CS194 10:26-10:38	Paper Title: The Research on Chinese Text Difficulty Grading Based on Fine-Tuned LLM: A Case Study of Intermediate and Advanced HSK Reading Texts Authors: Chenpeng Yuan, Yong Zhou, Jingjing Ruan Presenter: Chenpeng Yuan, East China Normal University, China
CS226 10:38-10:50	Paper Title: Teaching Practice and Mechanism Innovation of Artificial Intelligence Vocational Education Integrating STEM Model Authors: Xixi Gu, Lifang Su Presenter: Xixi Gu, Wuhan railway vocational college of technology, China
CS238 10:50-11:02	Paper Title: Smart Reconstruction and Cultural Communication: Educational Practice and Innovation in the International Dissemination of the Culture of the Three Sus Driven by AI and New Quality Productivity Author: Linhui Wu Presenter: Linhui Wu, Chengdu Neusoft University School of Foreign Studies, China

CS502 11:02-11:14	Paper Title: Artificial Intelligence and Music Education: A Comparative Study of Primary Music Education in China and Korea Authors: Qiang Wan, Jincheng Ma Presenter: Jincheng Ma, Kyonggi University, Republic of Korea
CS509 11:14-11:26	Paper Title: On the design of a Knowledge Elements Accumulation Three-dimensional (3D) Model Author: XUANXI LI Presenter: XUANXI LI, HUZHOU UNIVERSITY, CHINA
CS530 11:26-11:38	Paper Title: A study on the competency factors of open university teachers in generative artificial intelligence applications Authors: Liu qing, Wei zhihui, Zhang yongzhong, Chen leilei, Zhou cuiping Presenter: Liu qing, Shanghai Open University, China
CS534 11:38-11:50	Paper Title: Ideological and Political Education in Fundamental Engineering Courses under the Context of Artificial Intelligence: Construction and Goal Optimization Authors: Bao Yu-dong, Du Wen-qing, Wang Ya-ping, Song Xin, Pan Cheng-yi Presenter: Wen-qing Du, Harbin University of Science and Technology, China
CS578 11:50-12:02	Paper Title: The Translation Quality Assessment of Mainstream Neural Machine Translation Tools on Multidimensional Quality Metrics Authors: Pan Yameng, Zhang Zhongchi, Lin Jiaxin Presenter: Pan Yameng, Northwestern Polytechnical University, China

Track 4 Online Session 2

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence **Session Chair: Prof. Jiuhong Yu, Ningbo University of Finance and Economics, China** Time: 13:30-16:02, May 16, 2025 Zoom ID: 893 2150 3640 Zoom link: https://us02web.zoom.us/j/89321503640 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 13:30-13:50	Invited Speaker: Prof. Jiuhong Yu, Ningbo University of Finance and Economics, China Speech Title: Key technology research and industry demonstration application of AIGC technology intelligence services driven by knowledge data hybrid
CS621 13:50-14:02	Paper Title: Research on the cultivation of composite English translation talents in the era of artificial intelligence Author: Ruofan Liu Presenter: Ruofan Liu, Northwestern Polytechnical University, China
CS625 14:02-14:14	Paper Title: Research on the Application of Online Programming Platforms and Generative Artificial Intelligence in the Programming Education of Prospective Chinese Engineers Authors: Kaiwen Yang, Jingyi Wang, Sifang Lu, Qiyu Liu, Yuhao Cheng, Xiaoyu Xia, Tianjiao Gao, Jialin Wu, Jiajun Dong Presenter: Jingyi Wang, Xi'an University of Technology, China
CS646 14:14-14:26	Paper Title: Construction and Practice of Interdisciplinary Course Ideological and Political Education Research Demonstration Center under the Context of Artificial Intelligence Authors: Jiang Jin-gang, Zhang Jia-wei, Wang Ya-ping, Wang Kai-rui, Shen Tao, Bao Yu-dong Presenter: Jiang Jingang, Harbin University of Science and Technology, China
CS649 14:26-14:38	Paper Title: Collaborative Learning Supported by Generative Artificial Intelligence and Rotation Station Model Authors: Madina Davlatova, Elena Chernobay Presenter: Madina Davlatova, HSE University, Russia
CS652 14:38-14:50	Paper Title: Innovations and Transformations in English Translation and Interpreting Education in the Age of Artificial Intelligence Authors: Shixu Yuan, Haoyang Zheng, Jiaxin Lin Presenter: Shixu Yuan, Northwestern Polytechnical University, China
CS656 14:50-15:02	Paper Title: Project-based Learning Teaching Design and Personalized Learning of "Signal and System" Course Based on Knowledge Graph Authors: Chen Feng, Qingxu Meng, Xinmin Ren, Guangliang Li, Zining Yu, Lijian Zhou Presenter: Chen Feng, Ocean University of China, China

CS662 15:02-15:14	Paper Title: Designing an AI Expert of Educational Programmes in Higher Education Authors: Madina Davlatova, Kseniia Shalom, Anna Kobtseva Presenter: Madina Davlatova, HSE University, Russia
CS666 15:14-15:26	Paper Title: Comparing the Translation Quality of Large Language Models in Legal Texts: A Quantitative Analysis Authors: Xin YUAN; Jiahao PAN; Yuan GAO Presenter: Jiahao PAN, Ningbo University, China
CS682 15:26-15:38	Paper Title: An Exploration of Learning Model for Developing Students' Bilingual Terminology Competency Authors: Jiameng Wei, Yi Li, Ke Li, Shudi Zou Presenter: Jiameng Wei, Wuhan Business University, China
CS688 15:38-15:50	Paper Title: Barriers to Generative AI Adoption Among Higher Vocational Students: Understanding Hesitancy and Resistance Authors: Jie Lin, Jing Lin, Xin Luo Presenter: Jie Lin, Shanghai Jiao Tong University, China
CS674 15:50-16:02	Paper Title: Linking ICAP and Bloom's Taxonomy: A Comprehensive Framework to Assess Students' Cognitive Engagement in the Context of GenAI Authors: Umar Ruhi, Maria Nieto-Taborda, Kimberley Nault Presenter: Umar Ruhi, University of Ottawa, Canada

Track 4 Online Session 3

Track 4: New Progress in Educational Technology Research under the Background of Artificial Intelligence **Session Chair:** Time: 13:30-15:50, May 16, 2025 Zoom ID: 811 4426 7261 Zoom link: https://us02web.zoom.us/j/81144267261 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in casse of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 13:30-13:50	Invited Speaker: Assoc. Prof. Khairul Azhar Bin Hj Mat Daud, Universiti Malaysia Kelantan, Malaysia Speech Title: ENHANCING ACADEMIC WRITING QUALITY THROUGH AI AND THE RIC FRAMEWORK WITH A QUANTITATIVE PATH MODEL USING PLS-SEM
CS703 13:50-14:02	Paper Title: Deep Learning-Based Classroom Fatigue Detection System Authors: Yirong Wang, Lianglu Xie, Lele Guo, Ming Lei, Jiayuan Xia, Jianhong Zhai Presenter: Yirong Wang, South China Normal University, China
CS706 14:02-14:14	Paper Title: Research on the Application Status and Future Trend of Artificial Intelligence in Highway Engineering Authors: Hongfei Xu, Sufen Xu, Wenting Qu, Xianghui Kong Presenter: Hongfei Xu, School of City and Architectural Engineering of Zaozhuang University, China
CS710 14:14-14:26	Paper Title: Research on the Construction of the Graduate Course "Advanced Software Engineering" Authors: Yusen Wang, Peng Qian, Zhonghao Zhao, Peiyu Dong Presenter: Yusen Wang, Henan University, China
CS715 14:26-14:38	Paper Title: "Technology and Education Integration": Reconstruction of the Path of Classroom Teaching Empowered by Intelligent Educational Technology--The Rational Use of Artificial Intelligence Based Technology Author: Shuyuan Tang Presenter: Shuyuan Tang, Sanda University / Shanghai Normal University, China
CS721 14:38-14:50	Paper Title: Prompt Engineering as Mediation: Investigating AI Chatbot-assisted Writing Process from an Activity Theory Perspective Author: Chen LIN Presenter: Chen LIN, Beijing Foreign Studies University, China
CS732 14:50-15:02	Paper Title: Practical Exploration of Project-based Learning of the National Common Language and Script for Students in Xizang Empowered by Generative Artificial Intelligence Authors: Xiao Jiang, Liangni Lai Presenter: Xiao Jiang, South China Normal University, China
CS733 15:02-15:14	Paper Title: Optimizing Writing Instruction Using AI: An Empirical Comparison of Traditional Teaching Design and AI-Assisted Teaching Design

	Authors: Xiaohong Li, Zhanji Yang, Jizhu Zhang and QIan Li Presenter: Xiaohong Li, Zhaotong University, China
CS734 15:14-15:26	Paper Title: Exploring the Role of AI in Supporting Construction Education: Trends, Applications, and Integration Authors: Haiyan Sally Xie, Rohini Rajgonda Zore Presenter: Rohini Rajgonda Zore, Wuhan University, China
CS741 15:26-15:38	Paper Title: Ethical Challenges of AI Integration in Open University Online Education: A Multidimensional Analysis Author: Ningxue Fan Presenter: Ningxue Fan, Shanghai Open University, China
CS744 15:38-15:50	Paper Title: Analysis of Hot Topics in AI Empowered Educational Technology Based on BTM Model Authors: Caixia Yang, Han Dai, Yan Ma, Jie Jiang Presenter: Han Dai，School of Economics and Management Harbin University of Science and Technology, China

AI and Education Practice Presentation Session

AI and Education Practice Presentation Session **Session Chair:** Time: 15:50-17:50, May 16, 2025 Zoom ID: 842 7941 1368 Zoom link: https://us02web.zoom.us/j/84279411368 (Password: 202505)	
*Presenters are recommended to enter the meeting room 10 mins in advance. **Presenters are recommended to stay for the whole session in case of any absence. ***After the session, there will be a group photo for all presenters in this session.	
Invited Speech 15:50-16:10	Invited Speaker: Assoc. Prof. Jian Liao, Southwest University, China Speech Title: Enhancing Automatic Evaluation of Short Answer Using Large Language Models through In-Context Learning, Chain-of-Thought Prompting, and Stringent Coefficients
Invited Speech 16:10-16:30	Invited Speaker: Assoc. Prof. Dr. Cong Wang, Northwestern Polytechnical University, China Speech Title: Joint Feature-Driven Hyperspectral Image Super-Resolution Reconstruction
Invited Speech 16:30-16:50	Invited Speaker: Prof. Kasturi Vasudevan, Indian Institute of Technology Kanpur, India Speech Title: Turbo Coded OFDM-OQAM using Hilbert transform
CS594 16:50-17:02	Paper Title: Integrating Rasa Framework and Retrieval-Augmented Fine-Tuning for an Educational Advising Chatbot Authors: Hai-Nam Dinh-Duong, Thanh-Nhan Ho, Trong-Nguyen Pham, Duy-Hoang Tran Presenter: Dinh Duong Hai Nam, Ho Chi Minh City University of Science, Viet Nam
CS137 17:02-17:14	Paper Title: Exploration and Application of Metaverse Technology in Empowering Emergency Management Practical Teaching Authors: Xiaonan Wang, Lanting Yu Presenter: Xiaonan Wang, Shanghai Open University, China
CS726 17:14-17:26	Paper Title: Comprehensive Experimental Design of Embedded Operating System Based on FreeRTOS Authors: Zhaoling Gao, Ming ma, Zenghua Li Presenter: Zhaoling Gao, Dalian Neusoft Institute of Information, China
CS678 17:26-17:38	Paper Title: Analysis of the Development and Trends of Teaching Research in the Industrial Engineering Major in China Author: Jianfeng Zhou Presenter: Jianfeng Zhou, Guangdong University of Technology, Guangzhou, China
CS253 17:38-17:50	Paper Title: Changes and Effects of Artificial Intelligence Technology Empowering Rural Vocational Education Author: Xiaoxia Li Presenter: Xiaoxia Li, Shanghai Technical institute of Electronics & information, China

Suzhou Attractions

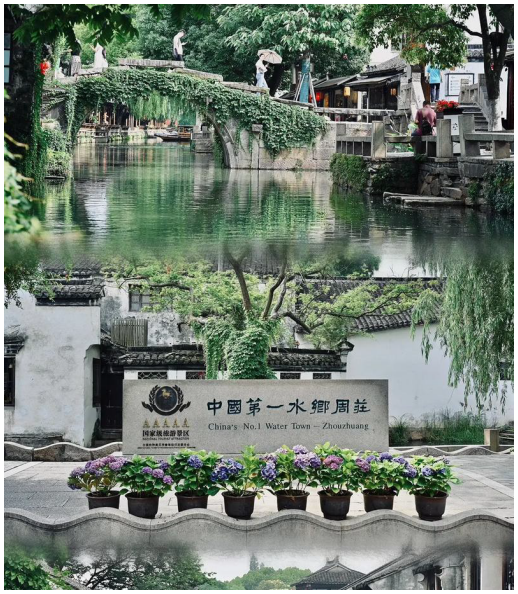
The Humble Administrator's Garden 拙政园

The Humble Administrator's Garden, located in Suzhou, Jiangsu, is a masterpiece of classical Jiangnan gardens and one of China's Four Great Gardens. Built in 1509 during the Ming Dynasty by Wang Xianchen, a former imperial censor, its name reflects his withdrawal from politics after career setbacks.

Spanning 5.2 hectares, the garden consists of three sections. The East Garden features open, pastoral scenery. The Middle Garden, its core, centers around water, with pavilions and corridors along the banks, showcasing the charm of Jiangnan water towns. The West Garden impresses with its delicate and ornate architecture.

Over 400 years, it has changed owners and forms. Integrating poetic and artistic elements, it offers beautiful views year - round. As a UNESCO World Heritage site, it stands as a prime example of Ming - era garden design, highlighting the unique allure of traditional Chinese gardening.

Zhouzhuang 周庄



Zhouzhuang, hailed as "China's No.1 Water Town," lies in Kunshan, Jiangsu. With a history exceeding 900 years, it preserves the quintessential charm of ancient Jiangnan water towns. Stone bridges span meandering canals, while Ming - and Qing - dynasty buildings line the waterways. The iconic Double Bridge, formed by Shide and Yongan Bridges, and the grand Shenting Estate, once owned by the wealthy Shen Wansan, are must - see attractions. Tourists can enjoy a tranquil boat ride, sample local treats, and wander through ancient alleys. This town stands as a living testament to traditional Chinese water - town culture, captivating visitors globally.

Note