

The 18th International Symposium on Teacher Education in East Asia ICUE 2024

제18회 동아시아 교사교육 국제심포지엄
동아시아 교원양성대학 국제컨소시엄(ICUE) 2024

Friday, November 29, 2024, 10:00-17:00 KST

Theme: Teacher Education in the Age of Artificial Intelligence:
Opportunities and Challenges

Host	Seoul National University of Education (SNUE)
Format	Online conference via Zoom (https://us06web.zoom.us/j/84503211038 , ID: 845 0321 1038)
Homepage	https://icue.snue.ac.kr
Registration	https://bit.ly/icue2024_registration



Free Registration

Time	Session Details	Moderator	
10:00-10:20	OPENING CEREMONY Opening Address AHN Kyungja (Director, Elementary Education Research Institute, SNUE) Welcoming Addresses JANG Shinho (President, Seoul National University of Education) JANG Chang-Ki (Director, Center of External Cooperation, Kongju National University) Congratulatory Speeches CHEN Xing (Vice President, Beijing Normal University) KOKUBUN Mitsuru (President, Tokyo Gakugei University)	AHN Kyungja (Director, EERI, SNUE)	
	Keynote Speech I Development of AI Digital Textbooks: Focusing on the Case of Korea PARK Mangoo (Professor, Seoul National University of Education)		CHOI Inyong (Professor, SNUE)
	Keynote Speech II Beyond the Controversy Between "Dao" and "Technology": The Multiple Cognitions and Active Choices of China's Teacher Educators in the Technological Era WANG Yanling (Professor, East China Normal University)		JU Eunjeong (Professor, SNUE)
11:20-11:50	Keynote Speech III Educational Technology in the Age of Digital Transformation: Shaping Personalized and Collaborative Learning for Society 5.0 TERASHIMA Kosuke (Professor, Osaka Kyoiku University)	HONG Sung Doo (Professor, SNUE)	
11:50-13:00	Break	12:00-12:30 ICUE Executive Committee Meeting	
13:00-13:30	Featured Speech I Cross-Country Comparisons of English Language Curricula Using a Common Framework TONO Yukio (Professor, Tokyo University of Foreign Studies)	AHN Kyungja (Professor, SNUE)	
13:30-14:00	Featured Speech II Innovative Teacher Training: AI-assisted Global Collaboration Projects LEE Ju Seong (Professor, Education University of Hong Kong)	YOON Tecnam (Professor, Chunchon Nat'l Univ. of Education)	
14:00-14:10	Break		
14:10-16:40	Concurrent Sessions 1-8	Poster Sessions 1-2	
16:40-17:00	CLOSING CEREMONY Introduction of the Host for ICUE 2025 LI Xianxian (Vice President, Guangxi Normal University) Closing Remarks KIM Sung Sik (Vice President, Seoul National University of Education)	AHN Kyungja (Director, EERI, SNUE)	

Poster Presentations:

Videos and presentation materials will be accessible all day on the conference website (<https://icue.snue.ac.kr>) and will be available for live streaming on Zoom during the poster sessions.

Language

- 10:00-13:00 Presented in the native language with simultaneous interpretation in Korean, Chinese, and Japanese.
- 13:00-17:00 Presented in English.

Concurrent Sessions

Theme	Concurrent Session 1	Concurrent Session 2	Concurrent Session 3	Concurrent Session 4	Concurrent Session 5	Concurrent Session 6	Concurrent Session 7	Concurrent Session 8
Time/Chair	Teacher Education in the AI Era (A)	Teacher Education in the AI Era (B)	Teacher Education (A)	Teacher Education (B)	Education in the AI Era	Educational Technology	Teaching Methods	Curriculum & Instruction
14:10-14:30	JO Kyuhee (Gyeongin Nat'l Univ. of Education) Exploring Literary Texts via Text Mining Techniques: A Textual Analysis	AHN Soojin (Jeonju Nat'l Univ. of Education) Ethical and Responsible Use of AI in Teacher Education	YIM Su Yun (Chinju Nat'l Univ. of Education) Evolution of Teacher Professional Learning Community: A Teacher Collaboration Perspective	JUDY YIN (Korea Nat'l Univ. of Education) The Connotation and Development of Digital Competence of Teachers in Chinese Vocational Colleges: A New Theoretical Framework	YOON Tecnam (Chungcheong Nat'l Univ. of Education) Artificial Intelligence Empowering English Writing Assessment: Current Situation and Development	KWON Suh Keong (Chungju Nat'l Univ. of Education) Developing and Implementing a Bilingual MOOC "Retrieval, Analysis and Review of English Research Literature in Social Sciences" for Education Researchers	NAM Bora (Gyeongin Nat'l Univ. of Education) Teachers' Translanguaging Practices in the Foreign Language Classroom	CHOI Jong-gab (Chungcheong Nat'l Univ. of Education) Teaching L2 Writing Through Digital Multimodal Composing
14:30-14:50	PARK Eunjeong (Suncheon Nat'l Univ.) Utilizing AI to Reduce Teacher Workloads and Enhance Future Educators' Efficiency: A Simulation Study for Senior Students in the English Teaching Program	SHIN Hyunjung (Univ. of Seakachewan) AI in Schools: Ethical Issues and Their Implications	CAO Shuai (Beijing Normal Univ.) Voices Unheard in Systematic Shadows: Exploring How Age-Based Hierarchies Affect Novice Teachers in Korean Primary Schools	HUANG Yihe (Beijing Normal Univ.) Study of Impact of Paradigm Change on Continuous Teacher Development Policy	YING Haoyu (Southwest Univ.) Cognitive and Emotional Responses in Science-AI Classes: A Korea-US Comparison	ZHANG Baohui (Shanghai Normal Univ.) YAO Wanhao & QIU Jiyuan (Shanghai Normal Univ.) AI Human Hall (Henan Univ.) Utilization and Future Prospects of EBS AI PengTalk	JEON Jaeho (Gwangju Univ.) LEE Seonyoung (Univ. of Nottingham Ningbo China) The Effect of the Lexile Framework for Reading on English Reading Literacy in Primary School	LEE Sak (Georgia State Univ.) Exploring the Relationship Between Motivation and Achievement in English Learning Among 7th-Grade Students in Rural Northern Jiangsu Province in China
14:50-15:10	PARK Kyungjin (Seoul Sangdong Elementary School) Teachers' Perceptions and Experiences of Educators Utilizing Blended Learning Based on English Picture Books	JUN Sung-eun (Seoul Orunom Elementary School) Intellectual Courage in the Age of AI: The Meaning and Method of Moral Education	WANG Linfang & HATTA Sotie (Osaka Kyoiku Univ.) Diversity and Commonality of Reflection Programs in Japanese Teacher Training Universities	MA Hongliang (Shaanxi Normal Univ.) The Effectiveness of Professional Development for In-service Computer Science Teachers About Computational Thinking Practices in the Classroom	YOON Tecnam & JECOM Young-Joo (Korea Nat'l Univ. of Education) Directions for the Future of Physical Education Digital Textbooks (AIDT) in Korea	XIAO Xu (Jiangsu Normal Univ.) How Can Artificial Intelligence Improve Children's English Reading Comprehension?	PARK Huiwon (Seoul Miras Elementary School) Output of OJL Language Based on Coding Theme	KIM Young Hwa, ROH Cheol Hyeon & JEONG Soo Hyeon (Seoul Nat'l Univ. of Education) Effects of Student Agency Reflected in the 2022 Revised Elementary School Students in Korea
15:10-15:30	When Pre-service Primary English Teachers Meet the Good Cop and Bad Cop: ChatGPT AI-Based Consultation on Lesson Planning	XU Xiaoxian (Beijing Normal Univ.) How to Better Support Teachers in the Age of Artificial Intelligence: Insights from 2024 UNESCO Reports	REN Wenjing (Southwest Univ.) The Impact of Teaching Practicum on Pre-service English Teachers' Professional Identity	JO Eunhye & HONG Sungdoe (Seoul Nat'l Univ. of Education) Related to Research Trends Related to Mathematics Focusing on Elementary Special Education Teachers in South Korea	PARK Jooyoung & SON Minjung (Korea Nat'l Univ. of Education) A Case Study on Digital Composing Music Classes Utilizing Noise	LEE Kyoung Suk (Hankyul Univ.) Exploring the Educational Potential of AI-Based Facial Capture Animation for Language Learning and Special Education	AHN Tae Yoon & YIM Su Yun (Chinju Nat'l Univ. of Education) Innovation of Odds: Teacher Reluctance in Adopting Creativity in Primary EFL	JUN Youjung (Seoul Nat'l Univ. of Education) Research Related to the Questioning Sequences and Implications for Social Studies Education
15:30-15:40	Break	Break	Break	Break	Break	Break	Break	Break
15:40-16:00	KIM Heilyoung (Gyeongin Nat'l Univ. of Education) Cultivating AI Competencies in Pre-Service Teachers for Future Education	PARK Hyeonbin (Seoul Nat'l Univ. of Education) Teacher Education Based on Neuroscience: Application in Educational Practice and Future Directions	TAKIMOTO Naoki, SUGA-SHICHINOHE Miyo & KASAHARA Koichi (Tokyo Gakugei Univ.) Comparative Study of Short-Term Study Abroad Programs: Faculty-Led Programs and Direct Enrollment in Pre-designed Programs	URIU Ayeko (Osaka Kyuo Univ.) A Proposal for Teacher Education With a Practical Program for Collaboration Between 43 High Schools and Osaka Kyoiku Univ.	YUAM Young (Shaaxi Normal Univ.) Research on the Intelligent and Multimodal Eco-System for International Chinese Language Education From the Perspective of Large Language Models	KIM Eunsoo (Dongyang Elementary School) Effect of Reading Progress' and Feedback Types on Reading Fluency in Elementary Students	PARK Hyeonbin & JU Eunjeong (Seoul Nat'l Univ. of Education) Development and Application of an Instructional Model for English Reading Literacy in Primary School	CHANG Jina, (Nat'l Institute of Education, Nanyang Technological Univ.) NA, Jiyeon, (Korea Foundation for Science and Creativity) PARK Jeonhyeong & (Nat'l Institute of Education, Nanyang Technological Univ.) JUN Youjung (Chungcheong Nat'l Univ. of Education) Development and Validation of an Instructional Model for Risk-Response Science Education
16:00-16:20	Exploring Text-to-Image Generative AI in Art Education: Insights from Japanese Pre-Service Teachers	NAM Younkyeong & YOON Jina (Pusan Nat'l Univ.) A Framework for Science Teachers' Synchronous Online Teaching Competence: Focusing on Lesson Planning and Implementation	AVURZANA Ganzhimeg (Mongolian Nat'l Univ. of Education) Implementation of Japanese Language Teaching Program of Mongolian Nat'l Univ. of Education	GARBEZI Syeda Maria Zainab (Shaaxi Normal Univ.) Creativity and Motivation: The Prime Factors of Teacher's Professional Development for Univ. Teachers	CHOI Sangeun & PARK Sangbong (Seoul Nat'l Univ. of Education) Exploring the Development of AI Physical Education Digital Textbooks for Elementary School	CHEN Jialing (Jiangsu Normal Univ.) The Effect of Applying an AI Reading Coach to the Primary School English Classroom for English Pronunciation	LEE Jeongyun & JANG Shinho (Seoul Nat'l Univ. of Education) A Case Study on the Implementation of Scaffolded in Elementary Science Lessons	KIM Hyejeong & SON Min-jung (Korea Nat'l Univ. of Education) Analysis of Digital Citizenship Effectiveness of Open-ended and Short-answer Questions with Feedback Provided by Generative AI
16:20-16:40	KASAHARA Koichi & NOUVEN Tin (Tokyo Gakugei Univ.) Integrating Generative AI in Art Education: Lesson Planning Perspectives from Japanese Pre-Service Teachers	ZHOU Sha & LONG Boaxin (Shaaxi Normal Univ.) The Realistic Dilemma and Practical Path of Teachers' Nurturing Ability in the Age of Digital Intelligence	DAN Zhao (Shaaxi Normal Univ.) Rural Teachers' Digital Teaching Competence: Status, Problems and Countermeasures-An Empirical Survey Based on Three Provinces in Central and Western China	KIM Hyunshin (Seoul Poongsu Elementary School) A Case Study on AI-Based Educational Ability Improvement Study Team	LEE Kyoung Suk (Hongsu Univ.) AI Motion Capture Technology in 3D Animation: Enhancing Creative Activities for Young Children	NOH Eunjin (Seoul Nat'l Univ. of Education) AI-generated Feedback on English Learners' Argumentative Essays	WU Nan (Shaaxi Normal Univ.) Designing Classroom Content for Measuring Ion Diffusion Coefficients in Undergraduate Research Training	JUNG Gayoung (Seoul Nat'l Univ. of Education) Proposing a Moderated Deliberative Discussion Model for Civic Education: Aristotle's Principle of Mesotês

Poster Sessions

Poster Session 1	Poster Session 1		Poster Session 2			
	Theme 1	Theme 2	Theme 3	Theme 4	Theme 5	Theme 6
1	Teacher Education in the AI Era School Teachers' Perceptions on Teaching English, Reading and Writing Utilizing EdTech	Teacher Education Post-Bachelor's Pre-Service Teacher Learning in the Age of Artificial Intelligence: Significance, Challenges, and Restructuring	Education in the AI Era What Do Middle School Students Think About Advanced Science and Technology? Focusing on Artificial Intelligence and Robots	Educational Technology A Case Study on the Use of Image-Generative AI in Elementary English Writing Instruction	Teaching Methods The Effects of Socio-Critical Modeling Classes on Elementary School Students' Perception of Mathematics and Discussion Patterns	Curriculum & Instruction Analyzing the Educational Effectiveness of Open-ended and Short-answer Questions with Feedback Provided by Generative AI
	CHOI Shin-Hyung (Seoul Metropolitan Office of Education) LI JiaJing (Beijing Normal Univ.) LEE Sunhwa (Seoul Daedo Elementary School) YUN Joanne & CHOI Yejin (Jeju Nat'l Univ.)	NA Jiyeon, (Chuncheon Nat'l Univ. of Education) HONG Oksu & Korea Foundation for Science and Creativity) KIM Jihee (Chuncheon Nat'l Univ. of Education)	JEONG Eugene (Seoul Yangseok Elementary School) SHIM Jaehoon & PARK Mangoo (Seoul Nat'l Univ. of Education)	JUNG Jaehwan & LEE Soo-Young (Seoul Nat'l Univ. of Education)		
2	Teacher Education in the AI Era Korean Elementary English Teachers' Professionalism Development in Using EdTech: A Grounded Theory Study	Teacher Education Teacher Role Transformation and Enhancement from a Human-Computer Collaboration Perspective	Education in the AI Era How Do Students in South Korea Perceive Risks Related to the Development of Science and Technology?	Educational Technology The Roles of Technology in Primary Mathematics Lessons Analyzed by SAMR Model	Teaching Methods Status and Issues of Dealing with Folk Performing Arts Passed Down to Local Communities in Music Education in Japan	Curriculum & Instruction Learning Guidance for Senior High School Historical Reading Under the Background of the "Double Reduction" Policy
	SIM Jiye (Gyeongin Nat'l Univ. of Education) FAN Benchao (Beijing Normal Univ.) KIM Kyounghye (Seoul Nat'l Univ. of Education)	MURAVAMA Taku (Tokyo Gakugei Univ.) An Analysis of Professional Standards for Special Education Teachers Focusing on the Meeting the Sick Students' Needs	KIM Jinhee, (Chuncheon Nat'l Univ. of Education) PARK Joonhyeong, (Nat'l Institute of Education, Nanyang Technological Univ.) NA Jiyeon & (Chuncheon Nat'l Univ. of Education) KIM Minchul (Kangju Nat'l Univ.)	CHOI Jisun (Gwangju Nat'l Univ. of Education) KOBAYASHI Mikiko (Tokyo Gakugei Univ.)	LEE Zesun (Shaaxi Normal Univ.)	
3	Teacher Education in the AI Era A Comparative Analysis of Intelligent Tutoring Systems for Personalized Learning: Focusing on Elementary Mathematics Intelligent Tutoring Systems	Teacher Education Primary School Teachers' Perspectives on Media Literacy Education in Korea	Education in the AI Era Analysis of Child Protection Guidelines of Global Platform Companies and Parents' Perception From the Perspective of Children's Right	Educational Technology Developing Coding Materials for Integrated Science Classes: A Structured Approach to Applying Programming in Physics Lessons	Teaching Methods A Study of Teaching Methods to Promote the Relationship Between the Modeling Learning Cycle and Metacognitive Functions in Elementary School Science	Curriculum & Instruction A Narrative Inquiry of Ten Korean Elementary Students With Language Socialization Abroad Experience
	KIM Hanseul & LEE Seo-Young (Seoul Nat'l Univ. of Education) YI Seungh (Gyeongin Nat'l Univ. of Education)	SHIN Sumin, Kim So Yeon & LEE Joon Hee (Seoul Nat'l Univ.) ISHII Takumi & (Gifu City Nagamori Junior High School) AKYOSHI Hirayuki (Wakayama Shin-Ai Univ.)	PARK Sohyun (Gyeongin Nat'l Univ. of Education) College Students' Perspectives on the Use of Generative Artificial Intelligence	YANG Taewon & KIM Jina (Pusan Nat'l Univ.) Deepfakes and Media Literacy	NOGUCHI Tatsuya & (Tokyo Gakugei Univ.) WADA Ichiro (Yokohama Nat'l Univ.)	KO Eunok (Seoul Womyn's Elementary School)
4	Teacher Education in the AI Era Professional Development on Python Programming Based on Science Curriculum for Digital Literacy: Teachers' Perception Shifts	Teacher Education Research on the Transformation of a Science Teacher's Competencies Through Lesson Study	Education in the AI Era College Students' Perspectives on the Use of Generative Artificial Intelligence	Educational Technology Deepfakes and Media Literacy	Teaching Methods A Teaching Perspective to Promote Scientific Modeling in Elementary School Children	Curriculum & Instruction A Narrative Inquiry of Ten Korean Elementary Students With Language Socialization Abroad Experience
	YANG Taewon & KIM Jina (Pusan Nat'l Univ.) HOKARI Hideo & (Tokyo Gakugei Univ.) WADA Ichiro (Yokohama Nat'l Univ.)	BROWNING-SAMONI Leslie, (New York Univ.) IKIE Rocha (Iowa State Univ.)	KIM Yunjeong (Seoul Nat'l Univ. of Education)	NAKANO Miya & WADA Ichiro (Yokohama Nat'l Univ.)		

