

CAIT2026 Special Session VI

Special Session Basic Information:

Session Title

中文：AI+教育：生成式人工智能与大语言模型在教育中的应用

英文：AI+Education: Generative AI and Large Language Models for Education

Introduction and topics

中文：

本专题聚焦于“人工智能+教育”的前沿研究与实践应用，旨在探索先进人工智能技术与教学全流程的深度融合，涵盖教学设计、个性化学习、智能评估及教育管理等环节。

本专题欢迎以下方向的研究投稿：模型架构、多模态生成、自适应辅导、自动化评价，以及教育领域中可信赖的人工智能系统。同时，我们也关注模型轻量化部署、数据隐私、可解释性、公平性和伦理规范等关键挑战。

通过汇聚全球研究人员和教育工作者，本专题致力于推动技术创新、实际落地与跨学科合作，加速教育的数字化转型与智能化升级。

英文：

This special session focuses on the frontier research and practical applications of AI+Education. It aims to explore the integration of advanced artificial intelligence technologies with full-cycle education processes, including teaching design, personalized learning, intelligent assessment, and educational management. The session welcomes studies on model architecture, multimodal generation, adaptive tutoring, automated evaluation, and trustworthy AI systems in education. It also addresses key challenges such as model lightweight deployment, data privacy, interpretability, fairness, and ethical norms. By gathering global researchers and educators, this session promotes technological innovation, real-world implementation, and interdisciplinary collaboration, to accelerate the digital transformation and intelligent upgrading of education.

Call for Papers:

Large Artificial Intelligence (AI) models have had a positive and profound impact on the field of education. Many universities have progressively integrated large AI models into teaching and learning, yielding numerous outstanding achievements. Large AI models are reshaping education and teaching methods, and both teachers and students will benefit from them.

This symposium focuses on the reform driven by large AI models in the educational domain. We invite researchers, educators, and students engaged in AI education worldwide to contribute relevant teaching and research papers.

Topics

Architecture and lightweight deployment of large models for education

Generative AI for personalized learning and intelligent tutoring

Multimodal educational content generation and automated assessment

Model interpretability, privacy and security in education

Large model-powered smart classroom and online education systems

Educational AI datasets, evaluation methods and ethical guidelines

AI-enabled Acquisition of Teaching Resources

AI-supported Classroom Teaching Case Design

AI-enhanced Information Literacy

Educational Intelligent Agents

AI Talent Cultivation for Future Technologies

Special Session Chair(s):

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Organizer's Brief Biography

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Bingshu Wang received his Ph.D. degree in Computer Science from University of Macau, Macau, China, in 2020. He received the M.S. degree in electronic science and technology (Integrated circuit system) from Peking University, Beijing, China, in 2016, and B.S. degree in computer science and technology from Guizhou University, Guiyang, China, in 2013. Now he is an associate professor in School of Software, Northwestern Polytechnical University. He is also a member of Chinese Association of Automation (CAA), China Computer Federation (CCF), Chinese Association for Artificial Intelligence(CAAI). His current research interests include computer vision, intelligent video analysis, machine learning, and Artificial Intelligence Education.

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Organizer's Brief Biography

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Han Zhang received her Ph.D. degree in Computer Science and Technology from Northwestern Polytechnical University. She is now an associated professor with School of Artificial Intelligence, OPTics and ElectroNics (iOPEN), Northwestern Polytechnical University, Xi'an 710072. Her current research is multi-modal cognitive computing, cross-domain remote sensing, Vicinagearth Security (VS)