



哈佛中国教育论坛
CHINA EDUCATION SYMPOSIUM

AN OFFICIAL AFFILIATE
ORGANIZATION
HARVARD
GRADUATE SCHOOL
OF EDUCATION

香港教育大學
The Education University
of Hong Kong

分论坛 3 Parallel Session 3

人工智能赋能科学教育 AI Enabled Science Education

本分论坛讨论如何将先进的人工智能技术赋能科学教学过程中，以提高教育质量、激发学生兴趣和培养学生创新能力。

- Discusses how to integrate advanced AI into the science teaching process to enhance educational quality, stimulate student interest, and cultivate innovative capabilities.



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Call for Participation

Parallel Session 5: Ethics and Norms of Artificial Intelligence Technology

Submission Deadline: 31st December, 2024

Notification of Acceptance Date: 31st January, 2025

In the early summer of 2025, the renowned Harvard China Education Symposium (CES) will join the QS 5-star rated Education University of Hong Kong (EdUHK) to co-host a joint symposium on Emerging Technologies and Future Talent. This marks the first attempt by the Harvard CES team to co-host this signature event with an Asian university. The Symposium boasts an impressive roster of speakers from globally recognized institutions such as Harvard, Stanford, MIT, EdUHK and Peking University. This three-day event will delve into the integration of new technologies such as AI, the Metaverse, and Intelligent Reality within teaching, training, and talent development. We invite you to share your proposal and present in the parallel session on 10 May. Excellent proposal may be invited to publish the full version in high-impact journals (SCI, SSCI & CSSCI).

Parallel Session Introduction

The theme of this parallel session is "Ethics and Norms of Artificial Intelligence Technology," aims to explore how to establish industry standards and ethical frameworks amidst the rapid development of artificial intelligence. The goal is to ensure that the application of AI technology adheres to societal moral principles and safety standards. The parallel session consists of three thematic sessions, providing a platform for in-depth exchanges among educators, technology developers, and industry professionals.

Sub-theme 1: Advancing the Ethical Use of Artificial Intelligence

This sub-theme focuses on ethical issues in AI applications, emphasizing how to ensure that AI is applied responsibly and ethically across various domains. Participants are invited to discuss the following topics:

- Addressing bias and discrimination in AI decision-making to promote fairness and inclusivity.
- Developing ethical guidelines for AI, defining the moral responsibilities of corporations and developers.
- Enhancing social responsibility in AI development to mitigate potential threats to privacy and security.
- Promoting global initiatives for "AI for Good," fostering cross-border



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collaboration and standardization.

Sub-theme 2: Developing Core Competencies in Artificial Intelligence

This session examines how to cultivate core competencies in AI within education systems, exploring how educators, students, and technology developers can better understand and apply AI technology. Topics for discussion include:

- Identifying the key skills and knowledge areas essential for fostering AI literacy in educational systems.
- Integrating foundational AI knowledge into curricula at primary, secondary, and higher education levels.
- Analyzing the implications of AI core competencies for future labor markets and career development.
- Developing students' ethical awareness and critical thinking about AI to enhance their ability to evaluate and use AI responsibly.
- Assessing the role of educators in fostering AI literacy and the resources and training required to support them.

Sub-theme 3: Establishing Standards and Norms for Artificial Intelligence

This sub-theme emphasizes the standardization and regulation of AI technology, focusing on the development of ethical, secure, and privacy-compliant norms for AI development and application. Participants are invited to discuss:

- Establishing protocols for data privacy and security management in AI to protect personal information from misuse.
- Defining safety and reliability standards for AI systems across different application scenarios.
- Advancing technical standards for AI development to ensure consistency and compatibility across systems.
- Developing ethical regulatory frameworks for AI, creating national and international industry guidelines.

We cordially invite scholars and students to select any of the above sub-themes based on their research interests to share their latest findings (in English or Chinese) and participate in this parallel session's discussions.

Guidelines for Proposal

Please prepare a **one-page** submission including the following information:

1. **Proposal Title:** The title of your presentation or poster session.
2. **Proposal Abstract:** A concise description of your research topic and its relevance to the themes of the forum.
3. **Proposal Objectives:** The purpose of your presentation and the expected research outcomes.



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4. **Methodology:** The research methods or data sources you plan to utilize.
5. **Contributions and Future Directions:** The potential contributions of your research to the field of intelligent teaching and learning, along with proposed directions for future work.
6. **Contact Information:** Your full name, affiliated institution, email address, and phone number.

Please send your **one-page proposal** and other information as a **Word attachment** to the email address: celab2208@163.com with the subject line "Your Name + Harvard CES-EdUHK Joint Symposium parallel session 5." Your participation will contribute to the advancement of Ethics and Norms of Artificial Intelligence Technology. We look forward to your valuable work and engaging in a discussion on the broad



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