

# HKPolyU ETTE Symposium 2024: Keynote Presentation 2

Steering human-centred use of AI in education

## To Prof. Fengchun MIAO

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⇄ **Trilemma**

How do you see the trilemma of AI going forward? Will they be resolved?

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⇄ **Human-machine ecosystem**

Currently machines cannot completely take over human beings. But when the machine gets smarter, will humans be edged out of the ecosystem? How do you think AI/machine will be developing?

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⇄ **AI age limit**

OpenAI has a minimum age for users but they don't seem to have been enforcing it. How do you think age limits can be (1) set and (2) enforced?

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⇄ **Environmental Impact**

Thank you for your talk! Very important points! Really appreciate you touching upon how it threatens plural knowledge. LLMs are a reflection of our internet, not our world. In turn, its output is very Westernized and exclusionary.

Do you have any thoughts/anything to add about the environmental impact of models like GPT? Is this included in some of the work your unit is doing?

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⇄ **Autonomic foundation models for education**

Dr Miao, can you elaborate on this?

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⇄ **Regarding the controversy 8**

How teachers can guide students to deal with the issue of the generating deeper deepfakes?

Teachers ask students to do fact check after they consulted ChatGPT. However, when they cross check the information from the internet, they may see the fake news/webpage and believe the fake information.

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⇄ **UNESCO's role**

Thanks for a very inspiring talk! Apart from conducting theoretical research on the pros and cons of GenAI, do you think that UNESCO or the UN can take a proactive role in seeking countries' agreement to make a joint, universal effort in regulating the development of GenAI? If yes, in what ways?

