

Harvard China Education Symposium (CES) and EdUHK

**Joint Symposium on Emerging Technologies
and Future Talent**

**Proposed "Leveraging Collaborative
Generative AI for Design and Prototyping
in Innovation and Entrepreneurship
Education "**

Thursday, 8 May 2024, 1.5 hours

Workshop Co-Organizers:

Professor Paul KIM and Dr. Fridolin TING



哈佛中国教育论坛
CHINA EDUCATION SYMPOSIUM



香港教育大學

**The Education University
of Hong Kong**

Proposed Workshop Title and Abstract

Proposed Workshop Title: Leveraging Collaborative Generative AI for Design and Prototyping for Innovation and Entrepreneurship Education

Proposed Abstract: This workshop explores the transformative potential of Multimodal Large Language Models (MLLMs) for design and prototyping in innovation and entrepreneurship education and practice. Participants will delve into hands-on applications and scaffolded activities using various collaborative MLLM platforms to collectively brainstorm solutions to problems, give feedback on design thinking steps and prototypes, and sift through customer feedback for navigating product-market fit and go-to-market strategies. We'll explore genAI applications in case studies involving AI tech, green/sustainable tech, biotechnology, drones and robotics, metaverse and AR/VR/XR, or interests of participants.

Proposed Workshop format (1.5 hours)

- 40 minutes for 2 speakers (20 minutes each; 25-minute talk, 5 minutes for questions)
- 50 minute for hands-on activity using GenAI on
 - Problem identification, Ideation
 - 4 design thinking activities, prototyping of solutions
 - "Design thinking and prototyping with genAI" on platforms such as
 - Ask.Smile (<https://ask.smile.seedsofempowerment.org/>)
 - YoChatGPT! (<https://www.yochatgpt.io/>)
 - Figjam (Figma+Jamboard) <https://www.figma.com/figjam/>
 - Ulzard <https://uizard.io/>
 - Using GenAI for marketing materials; customer feedback; suggesting product market-fit and go-to market strategy; giving feedback on MVPs, and business models
- Participants will be placed into groups for collaborative work

Activity	Time
Speaker 1	14:00-14:20
Speaker 2	14:20-14:40
Hands-on Interactive workshop with 3 speakers (Design thinking, prototyping with generative AI)	14:40-15:30



Speaker + Workshop Facilitator (#1)

Dr. Paul KIM (Ph.D)

- Former Associate Dean & Chief Technology Officer, Stanford University Graduate School of Education
- Started the "Entrepreneur in Residence" program at Stanford Graduate School
- Chairman of International Expert Committee on Education Technology, The World Bank
- Director for Center of Future Education, BIBS
- Adviser to Lumos Capital & Chegg
- Founder of NGO: Seeds of Empowerment
<https://www.seedsofempowerment.org/our-team/>
- Links: [Wikipedia](#), [LinkedIn](#)
- Papers: <https://stanford.academia.edu/PaulKim>





Proposed Speaker + Workshop Facilitator (#2)

Dr. Fridolin TING

- Senior Lecturer I, Office of the VP(RD), EdUHK
- Research Interests: Generative AI in STEM related Education, Innovation and Entrepreneurship Education; AI in Educational Technology
- <https://sites.google.com/view/fridolinting/home>