Empowering Preschoolers with AI: Why, How, and What Matters

Date & Time: 26 March 2025 (Wednesday); 16:30-17:30

Venue: Tin Ka Ping Lecture Hall, Faculty of Education (E33-G021)

~~E33-2036, Faculty of Education~~

Language: English

Registration: Online Registration (https://go.um.edu.mo/imt2qeht or   )

Enquiries: Mr. Brendan LEI (Email: fed_event@um.edu.mo / Tel: 8822-4210)

Speaker:

Prof. Weipeng YANG is an assistant professor in early childhood learning sciences and a recipient of the President's outstanding performance in research award at The Education University of Hong Kong. As the world's top 2 percent most-cited scientist and the Editor-in-Chief of the *Journal of Research in Childhood Education*, his research on young children's computing education has been funded by Hong Kong's Research Grants Council and has shaped early learning experiences in the 21st century. He was recently invited to serve as the Triage Editor for the *British Journal of Educational Technology*, a top journal in the EdTech field.

Abstract:

In an era of AI-driven transformation, Prof. Weipeng YANG, a global leader in early childhood learning sciences, challenges myths about AI's complexity and demonstrates how age-appropriate technologies can amplify children's agency, curiosity, and essential 21st-century skills. Drawing from pioneering research, Yang unveils actionable frameworks, including AI-integrated STEAM curricula and robotics-enhanced play environments, while addressing the critical need to ensure AI empowers rather than exploits young children, as he proposes pathways for responsible AI governance in early education.