FED-CSAE Seminar: "Empowering Lesson Study and Learning Study Using Generative AI: Opportunities and Challenges"

Date: 27 January 2026
Time: 15:00-16:30
Venue: E33-2036, Faculty of Education
Language: English
Registration: https://go.um.edu.mo/s4dwaqoj
Enquiries: Mr. Harvey LO (Email: FED_Event@um.edu.mo / Tel: 8822-4593)

Speaker:
This talk synthesizes key findings from a special issue on Generative AI-Informed Pedagogy Through Lesson Study, followed by an analysis of opportunities and challenges illustrated by two case studies in mathematics and science. The discussion concludes with proposed research directions for integrating AI in K-12 education.

Abstract:
Prof. Rongjin HUANG is a professor of mathematics education at Middle Tennessee State University. His research interests encompass teacher education, lesson study, classroom research, and comparative education. He has an extensive publication record, including over 50 peer-reviewed journal articles, eight edited books, and eight special journal issues. His edited books include Teacher Professional Learning Through Lesson Study in Virtual and Hybrid Environments: Opportunities, Challenges, and Future Directions (Routledge, 2023). He has served as a guest editor for the journals ZDM Mathematics Education and The International Journal for Lesson and Learning Studies (IJLLS). The latest published special issue is about Developing Generative AI-Informed Pedagogies Using Lesson Study (IJLLS, 2025). He was a member of the International Program Committee for ICMI Study 25 on Teachers of Mathematics Working and Learning in Collaborative Groups and currently serves as a council member of the World Association of Lesson Study.