



Seminar on “Integration of Technology to Enhance Students’ Mathematical Knowledge”

Date: Friday 31 May 2019

Time: 19:00 – 21:00

Venue: Room E32-G020, Faculty of Law

Language: English and Mandarin

Target Audience: UM Staff and Students, Mathematics Teachers

Online Registration: <https://go.um.edu.mo/770951rr> or QR Code



Abstract

The purpose of the presentation is to familiarize classroom teachers with existing new technologies that will enhance students’ mathematical procedural knowledge and conceptual knowledge. The presentation will focus on the various computers, software and web-based resources available today. The main focus is on the content of the school's mathematics curriculum and its teaching, with special emphasis on teaching those concepts that can best be taught with the use of technology.

Speaker

Prof Cheng-Yao LIN (林承瑤教授) is a Professor of Mathematics Education at Southern Illinois University Carbondale. He received his PhD from the University of Illinois at Urbana-Champaign. He is interested in the integration of technology into mathematics education, the preparation of pre-service teachers and cross-cultural research on pre-service teachers' knowledge of fractions. He has published in many peer-reviewed journals for research in mathematics education.



He is the first Asian American elected as a University Director of the Illinois Council of Teachers of Mathematics (ICTM). Prof. Lin has served in many official positions in professional organizations and has been a reviewer for different professional journals.

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