

ERC Seminar Series

Technological Pedagogical Content Knowledge

Date & Time: 26 May 2016, 13:00 – 14:00 (Light lunch begins at 12:30pm)

Venue: Room 2036, Faculty of Education (E33)

Language: English

Audience: UM Staff / Postgraduate Students

Registration: Online Registration (Link: <https://goo.gl/nwRmrO> or QR Code)

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* Complementary light lunch will be provided.



Abstract

This talk introduces the Technological Pedagogical Content Knowledge (TPACK) as a developing theoretical framework for the research of ICT integration. TPACK delineates the various forms of knowledge that teachers need in order to integrate ICT into curriculum. Current research, including the various professional development models are reviewed will be discussed in the talk. Based on the emerging research, two possible revised model are proposed and future directions in research are highlighted.



Speaker



Prof. Ching Sing CHAI is an Associate Professor at the Learning Sciences and Technologies Academic Group of the National Institute of Education in Singapore. His research interests are in the areas of Technological Pedagogical Content Knowledge (TPACK), teachers' beliefs, design thinking and students' learning with ICT. He has published more than 50 journal articles in reputable journals listed in the Social Science Citation Index. He has also co-authored several monographs including the recently published "Design Thinking for Education: Conceptions and Applications in Teaching and Learning", a Springer-published book. In the past few years, he has been actively involved in a Future School project funded by the National Research Foundation and the evaluation of ICT Masterplan 3 commissioned by the Ministry of Education. Currently, he works with schools in designing ICT integrated lessons for various subjects including Chinese language, primary science and social studies.