



Models and Modeling Processes in Science Education

Date: Wednesday 7 February 2018

Time: 12:00 – 13:00

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

Language: Mandarin

Online Registration: <https://goo.gl/tki6Qy> or QR Code



Speaker

Prof Mei-Hung Chiu is a Professor of Science Education at the Graduate Institute of Science Education (GISE) of the National Taiwan Normal University (NTNU). She has a BS in chemistry (National Taiwan Normal University), Ed.M. and Ed.D. from Harvard University. She has published articles about science curriculum, students' conceptual understanding and changes as well as mental models of scientific phenomenon and modeling-based instruction in international well-known journals.



Abstract

Prof Chiu will present a series of studies on students' understanding of nature of models and modeling-based instruction sponsored by the Taiwanese Ministry of Science and Technology. In addition to these studies, she will present samples on the use of technology (such as Augmented Reality and Virtual Reality, AR/VR) as scaffolds in facilitating and assessing students' visualization of abstract and complex scientific concepts.

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