

MME Seminar 2016

Session 2



Ast/P Choy Ban Heng

Date: 13th Oct, 2016
Time: 3.30 to 4.30 pm
Venue: Journal Room (NIE7-03-16)

***Kyouzai Kenkyuu*, textbook signatures, and teacher noticing: Reflections and ideas from IMPULS, ICME, and PME**

Kyouzai Kenkyuu, or the study of instructional materials, is the critical step in Lesson Study. As textbooks are commonly used by teachers to facilitate learning during mathematics lessons, it is important that teachers examine how mathematical concepts are presented in the textbooks. However, what teachers notice when examining textbooks, and how they notice, may not always lead to productive instructional decisions.

In this talk, Ban Heng will share his ideas and reflections from three research events: IMPULS (an immersion programme on Lesson Study in Tokyo, Japan), ICME and PME. He will highlight the role of teacher noticing when teachers examine the textbooks during Lesson Study, followed by the notion of textbook signatures, which he co-developed with Mi Yeon Lee (Arizona State University), Angel Mizzi (University of Duisburg-Essen) to analyse mathematics textbooks. Finally he will present his current thinking about the connections between textbook signatures, kyouzai kenkyuu, and teacher noticing.

All are welcome!