

# MME Seminar 2017

Session 4



## *Sharing of Three Papers*

*By Dr Bing Hiong Ngu*

**Date: Wed 30th August 2017**

**Time: 3.30 pm to 4.30 pm**

**Venue: MME Journal Rm (NIE7-3-16)**

Hiong Ngu will talk about her research work based on the following three papers:

1. Will learning to solve one-step equations pose a challenge to 8<sup>th</sup> grade students?
2. Reducing intrinsic cognitive load in percentage change problems: The equation approach
3. Achieving optimal best: The use of cognitive load theory in mathematical problem solving

*Dr Bing Hiong Ngu is a Senior Lecturer in Mathematics Education in the School of Education at the University of New England, Australia. Her research interests predominately focus on cognition, instruction and learning in algebra, based on cognitive load theory and learning by analogy theory. She also conducts research with her colleague, Associate Professor Huy Phan, in relation to framework of achievement best and instructional efficiency in mathematics education.*

*All are welcome!*