Language Policy and Practice Research Seminar Series:

What can be learned? An analysis of a Shanghai lesson
Dr Ida Mok (Division of Mathematics and Science Education)

17 February 2015 (Tuesday) 12:45 – 14:00
Room 205, Runme Shaw Building, University of Hong Kong
Chair: Professor Angel Lin

Abstract

Teaching and learning takes place in classrooms via the interaction between the teacher and students, between the students themselves, and between students and the teaching materials embedded in the learning activities. Discourse encompassing these interactions is the major vehicle for teaching and learning to take place inside the classrooms. Studies on mathematical discourse in Chinese classrooms have identified some important features such as the I-R-F pattern, the funnel pattern, coherence, mathematical formality and language. In the seminar, the lesson transcript of a Shanghai mathematics lesson will be used to illustrate how these features may be identified. Discussion will put focus on the feasibility of analytic tools and frameworks.

About the speaker

Dr. Ida Ah Chee MOK is currently Associate Dean and Associate Professor in the Faculty of Education at the University of Hong Kong. She obtained her B.Sc. and M.Ed. from the University of Hong Kong, and her Ph.D. from King's College, the University of London. She has been awarded the Diamond Jubilee International Visiting Fellowship (2013-2016) the University of Southampton. Since 1990, she has been a teacher educator active in both local community and research for the area of mathematics education. She has a broad research interest which includes, mathematics education, technology in mathematics education, comparative studies in mathematics education, teaching and learning, teacher education, pedagogical content knowledge and lesson study. She is co-chair of The ICME 11 Topic Study Group: Research on classroom practice; co-editor of the book, Making connections: Comparing mathematics classrooms around the world; author of the book, Learning of algebra: Inspiration from students’ understanding of the distributive law; and co-author of the book, Polynomials and equations.

All are welcome!