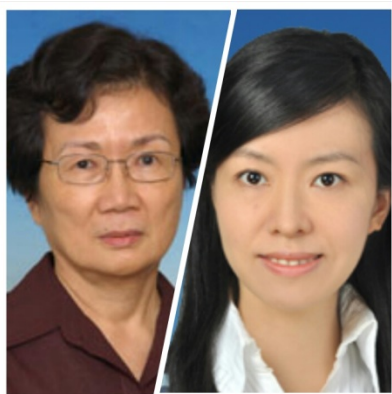


## Sharing on four conferences on Mathematics and Mathematics Education



Dr Yeo Kai Kow Joseph  
Dr Koay Phong Lee  
Asst Prof Zhu Ying  
Dr Ng Wee Leng

Date: 1st Oct, 2014  
Time: 3.30 to 4.30 pm  
Venue: Journal Room (NIE7-03-16)



### Abstract

**Joseph** will present the findings of a preliminary study of the explicit reasoning in the explanations and justifications of two open-ended word problems among 28 Primary 2 pupils from one primary school. He will show examples of the various types of pupils' explanations and justifications.

**Phong Lee** attended an interesting workshop at the *Children's Mathematical Education conference*. In this seminar, she will share a hands-on activity involving shape cutting that she learnt in that workshop.

**Zhu Ying** will talk about a discriminant dimension reduction method for image classification. Reducing high-dimensional spectral data to a small number of dimensions is essential to enable the feasibility of a multivariate finite mixture model fitting, especially for use in a real-time image classification to help clinician with a rapid diagnosis of breast cancer. She will also share her experience of attending IMS Asia Pacific Rim meeting.

**Wee Leng** will share his experience as an invited plenary speaker at the 4<sup>th</sup> Educational Equipment City Forum on Cooperation and Development in Taiyuan, China. At the conference he presented a review of and reflection on the integration of graphing calculators into the Advanced level mathematics curriculum in Singapore.

*All are Welcome!*