Mathematics Teachers Conference 2011
Theme: Communication, Reasoning & Connections
2nd June 2011 National Institute of Education 1 Nanyang Walk Singapore

Jointly organized by:
- Association of Mathematics Educators
- Mathematics and Mathematics Education Academic Group, National Institute of Education, NTU

Opening Lecture
By Professor David Hogan, NIE, Singapore

Keynote Lectures

Primary
- Let reasoning and communication be an integral part of your mathematics curriculum and use students' insights to modify instruction by Professor Denise Thompson, University of South Florida, USA.

Secondary
- Some “what” strategies to engage students in reasoning and communication in the primary mathematics classroom by Professor Berinderjeet Kaur, NIE, Singapore.

Junior College
- Reasoning, proof and justification – it's not just for geometry anymore! by Professor Denise Thompson, University of South Florida, USA.
- Making connections through promoting mathematical thinking skills by A/Professor Lim Suat Khoh, NIE, Singapore.

Junior College
- Mathematics and the world around us – helping students see connections by A/Professor Helmer Aslaksen, NUS, Singapore.
- Mathematical reasoning and connections across mathematical concepts at A-levels by A/Professor Toh Tin Lam, NIE, Singapore.

Concurrent Lectures or Workshops (Attend either one)

Invited Lectures

Primary
- Visual and spatial reasoning: The changing form of mathematics representation and communication by Professor Tom Lowrie, Charles Sturt University, Australia.
- Project-based mathematics learning through LOGO programming activities by Professor Lew Hee-Chan, Korea National University of Education, Korea.

Secondary
- Numeracy: Connecting mathematics by Mr Barry Kissane, Murdoch University, Western Australia.
- Building communities of inquiry in mathematics classrooms: The key to facilitating reasoning, communication, and connections in mathematics by Professor Yoshinori Shimizu, University of Tsukuba, Japan.

Junior College
- What can we do without using similarity and congruency? by A/Professor Zhao Dongsheng, NIE, Singapore.
- Connecting JC math and university math - A perspective from NUS math lecturer by A/Professor Victor Tan, NUS, Singapore.

Workshops (Attend only one)

Primary
- P1 - Developing a healthy lifestyle: What do the numbers tell us? by Dr Marian Kemp, Murdoch University, Western Australia.
- P2 - Promoting mathematical communication through rich mathematical tasks at the lower primary level by Asst/Professor Joseph Yeo KK, NIE, Singapore.
- P3 - Numeracy across the curriculum by Mr Barry Kissane, Murdoch University, Western Australia.
- P4 - Using anchor tasks to develop students' ability in communication, reasoning and connections in primary mathematics by Dr Yeap Ban Har, Marshall Cavendish Institute & Pathlight School, Singapore.
- P5 - Reasoning with nets of cubes and cuboids to make novelty boxes by A/Professor Koay Phong Lee, NIE, Singapore.
- P6 - Designing learning units to support "Learn how to learn" in a problem solving classroom by Asst/Professor Maitree Inprasitha, Director of Center for Research in Mathematics Education, Khon Kaen University, Thailand.

Secondary
- S1 - Communication and the media: interpreting the numbers by Dr Marian Kemp, Murdoch University, Western Australia.
- S2 - Making math classrooms discourse rich through conjecturing by analogical reasoning by Professor Kyeong-Hwa Lee, Seoul National University, Korea.
- S3 - Helping students to reason mathematically at the secondary level by Asst/Professor Dindyal Jaguthsing, NIE, Singapore.
- S4 - Fostering mathematical communication and reasoning skills by Ms Chua Kwee Geok, NIE, Singapore.
- S5 - Presenting mathematics as connected in the secondary classroom by Asst/Professor Leong Yew Hoong, NIE, Singapore.

Please visit our webpage: http://math.nie.edu.sg/ame/ for
- abstracts of keynote lectures, invited lectures and workshops
- registration details

You are advised to register early as places are limited.
Registration opens on Monday 31st January 2011 and closes on Saturday 2nd April 2011.