Mathematics Teachers Conference
Theme: Mathematical Literacy
1st June 2007 National Institute of Education 1 Nanyang Walk Singapore

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

Keynote Lectures

Primary
- Mathematical Literacy – What, Why and How? by Dr Fong Ho Kheong (Founding President of AME)
- Relating Literacy to Mathematics Learning by A/P Douglas Edge (MME/NIE)

Secondary
- Mathematical Literacy – The Case of Quantitative Reasoning by Dr Liu Yan (CRPP/NIE)
- Multiple “Literals” of Representations – The Case of the Model Method and Letter Symbolic Algebra by A/P Ng Swee Fong (MME/NIE)

Junior College
- Reading and Writing Mathematics by Dr Tay Eng Guan (MME/NIE)
- Singapore’s Junior College Students’ Literacy and Competence in Mathematics by Ms Jenny Loong Choo Juan (Balestier Hall Secondary School) & A/P Berinderjeet Kaur (MME/NIE)

Special Lectures

Guest Speaker: Professor Jin Akiyama
Professor of Mathematics & Director of the Research Institute of Educational Development
Tokai University

Lecture Topics: Junior College – Experience Mathematics
Secondary & Primary – Seven Questions for Mathematics Teachers

Concurrent Workshops (Participants to attend only one)

Primary
P 1 - Mathematical Literacy Through the Use of Manipulative for Lower Primary by Dr Cheng Lu Pien (MME/NIE)
P 2 - Learning for Understanding: Some Metacognitive Strategies by Mr Chan Ming Eric (MME/NIE)
P 3 - How to Help Upper Primary Pupils Develop Mathematical Literacy? by Ms Chua Kwee Gek (PSS/ Mathematics Dey Secondary School)
P 4 - Talking and Writing Mathematics in the Classroom by Ms Ho Geok Lan (MME/NIE)
P 5 - Thinker-Doer Paired Problem Solving: A Strategy for Communication in the Mathematics Classroom by A/P Fong Pui Yee (MME/NIE)
P 6 - Writing Assessment Rems for Mathematical Literacy at the Primary Level by Dr Jaguthsing Dindyal (MME/NIE)
P 7 - Using Technology to Enhance Mathematics Literacy in the Primary School Curriculum by Mrs Irene Ong (MME/NIE)
P 8 - Teaching Data Analysis: Some Ideas for Primary Mathematics Classroom by A/P Koay Phong Lee (MME/NIE)
P 9 - Calculator in the Primary School by Dr Soon Yee Ping (MATHLODGE)

Secondary
S 1 - What Can Students Learn from Mathematically-Rich Games? by Mr Joseph Yeo Soon Woon (MME/NIE)
S 2 - Promoting Mathematical Literacy Through Activities in the Lower Secondary Mathematics Classroom by Dr Yeo Kai Kow Joseph (MME/NIE)
S 3 - Data Analysis with IT by A/P Yap Sook Fwe (MME/NIE)
S 4 - Problem Posing Strategies for Secondary Mathematics by Mr Chua Puay Huat (MME/NIE)
S 5 - Great Achievement towards Mathematics Excellence (GAME) by Nicole Ng, Shirley Choo, Chang Meng Pat & Lim Bin, (Woodgrove Sec School)
S 6 - Developing Higher Order Thinking Skills in Upper Secondary Mathematics Classrooms by Dr Toh Tin Lam (MME/NIE)
S 7 - Mathematical Literacy – The Use of Symbols and Logic by Mr Mew Soh Wah (MME/NIE)
S 8 - From Model Method to Letter-Symbolic Algebra – Helping Students Make the Move by A/P Ng Swee Fong (MME/NIE)

Junior College
J 1 - Making Statistical Inferences by Dr Cheang Wai Kwong (MME/NIE)
J 2 - “Mathematical Literacy versus Mathematical Etymology” by Dr Paul M.E. Shuttle (MME/NIE)
J 3 - Improving Mathematics Literacy with the Graphing Calculator by Dr Ng Wei Leng (MME/NIE)

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

You are advised to register early as places are limited. Registration closes on: Saturday 14th April 2007.