

PROGRAM SCHEDULE

Monday, October 4, 2004

Registration : 0800 – 0900 hrs Opening : 0900 – 0930 hrs

Plenary Lecture : 1000 – 1100 hrs
PL1 : Ron Lancaster <i>Twenty years of changes in pedagogy and content that ultimately gave students a richer and deeper understanding of mathematics</i>

Regular Lecture : 1100 – 1230 hrs
RL1: Rosihan M. Ali and Kor Liew Kee* <i>Students' reactions to learning mathematics with graphing technology</i>
RL2: Pumadevi Sivasubramaniam <i>Distributed cognition and the use of graphing calculators in the learning of mathematics</i>

Regular Lecture : 1400 – 1530 hrs
RL3: Norjoharuddeen Mohd Nor <i>Integrating calculator in the development of students' meaningful understanding of secondary school mathematics concept by teaching through problem-solving</i>
RL4: Bernhard Kutzler <i>DERIVE 6 – A computer program for teaching and learning mathematics</i>

Parallel Session : 1600 – 1730 hrs	
Workshop	Contributed Lecture
A1: Peter Jones <i>All you wanted to know about CAS but were afraid to ask</i>	CL1. Zarita Zainuddin*, Husna Hasan and Suraiya Kassim <i>Ecological modeling with the TI-92 graphics calculator</i>
B1: Allan Leslie White <i>Energising secondary school mathematics through modelling with the graphics calculator</i>	CL2. Ong Hong Choon*, Suraiya Kassim, Teh Seok Cheng, and Lawrence Chang Hooi Tuang, <i>Exploring the value of e using graphing calculators</i>
C1: Bernhard Kutzler* and Vlasta Kokol-Voljc <i>Introduction to teaching with Derive 6</i>	CL3. Shin Watanabe <i>Drawing graph and understanding the meaning of graph</i>

Tuesday, October 5, 2004

Contributed Lecture : 0830 – 1000 hrs

CL4: Mohan Chinnappan* and Mike Thomas

Use of graphic calculator to promote the construction of algebraic meaning

CL5: Boris Handal*, Tony Herrington and Mohan Chinnappan

Measuring the adoption of graphic calculators by secondary mathematics teachers

CL6: Daniel L. Seth* and Lisa Willis

Graphic calculator explorations to enhance mathematics in public high schools

Plenary Lecture : 1030 – 1130 hrs

PL2 : Peter Jones

The computer algebra system (CAS) and mathematics assessment

Contributed Lecture : 1130 – 1200 hrs

CL7: Allan Leslie White

The pedagogical Trojan horse: Handheld technologies in the secondary mathematics classroom

Forum : 1200 – 1230 hrs

Husna Hasan, Vice President, Malaysian Mathematical Science Society (MMSS)

Workshop : 1400 – 1530 hrs

A2: Krongthong Khairiree

Transformations with the Geometer's Sketchpad (GSP) in Voyage™ 200

B2: Ron Lancaster

Shuffling playing cards, mathematical magic tricks and much more

B3: Norjoharuddeen Mohd Nor

Developing students' mathematical modeling ability through the use of the graphic calculator

C2: Nicholas R. Jackiw

Sketchpad in algebra: The case of slope

Parallel Session : 1600 – 1730 hrs	
Workshop	Contributed Lecture
<p>A3: Bernhard Kutzler* and Vlasta Kokol-Voljc <i>Interconnectivity – Data exchange between Derive 6 and TI CAS calculators</i></p> <p>C3: Krongthong Khairiree <i>Exploring mathematics with the Geometer's Sketchpad (GSP)</i></p> <p>D1: Rohini Sooriamoorthy* and Lee Chong Liang <i>Exploring TI Navigator</i></p>	<p>CL8: Husna Hasan*, Munawir Azizan, Zarita Zainuddin and Suraiya Kassim <i>Pengajaran dan pembelajaran matematik menggunakan kalkulator grafik di sekolah menengah.</i></p> <p>CL9: Ong Swee Hin <i>TBA</i></p> <p>CL10: Suraiya Kassim*, Husna Hasan, and Zarita Zainuddin <i>Demonstrating probability and probability distribution with a graphic calculator</i></p>

<p align="center">Conference Dinner : 2000 – 2230 hrs Place : Grand Ballroom, Level 3, The Gurney Hotel</p>
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Wednesday, October 6, 2004

Regular Lecture : 0830 – 1000 hrs
<p>RL5: Noraini Idris <i>Exploration and entertaining mathematics: Why graphic calculator?</i></p> <p>RL6: Nicholas R. Jackiw <i>Giving shape to the ICT landscape: The case of mathematics education</i></p>

Discussion Panel : 1030 – 1130 hrs
<p>Title : <i>The development of teaching-learning environment for science and mathematics using hand-held technology</i></p> <p>Panelists : Abdul Wahab Ibrahim, Noraini Idris and Peter Jones</p> <p>Moderator : Munirah Ghazali</p>

<p align="center">Closing : 1130 – 1230 hrs</p>
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* **Presenter**

Place : All talks will be held in the Ballroom, Level 3, and the workshops in the Function Halls 1-4, Level 2.