The Auckland Mathematical Association presents

MATHEMATICS DAY 2007

WHEN: **Friday 23rd November 2007**

WHERE: **University of Auckland, Epsom Campus**

PARKING: **Use the Car Park building (Entrance 2 off Epsom Avenue)**

TIME: **8:45am – 3:00pm**

COST: **AMA School Members: $80 (inc.GST)**
AMA Personal Members: $60 (inc.GST)
Non-Members: $100 (inc.GST)

8:45am **Registration: Conference Room 201**
(upstairs at left end of driveway off Entrance 4)

9:00am From the University of Waikato:
Vince Wright – "The Mathematics Curriculum: A Rationale"
Vince was the Coordinating Writer of the new Mathematics Curriculum
which has just been released. He will give an overview of the changes of
direction in the new curriculum and why they have occurred.

10:00am Workshop 1 (Refer to the range of workshops below).

10:50am **Morning Tea** (provided)

11:20am Workshop 2

12:10pm Workshop 3

1:00pm **Lunch** (provided)

1:50 – 3:00 **Judy Paterson -**"Teacher PD initiatives by the University of Auckland"
followed by **Gillian Frankcom-Burgess** who will chair a panel of experts
to discuss current developments and directions in Secondary Mathematics
teaching.

The following workshops will be among those offered:

1. Derek Smith, "Working with Graphic Calculators"
2. Peter Newall, "Measurement Activities Years 9 - 11"
3. Rory Barrett, "Cambridge International Examinations and Calculus"
4. Anna McHardy, "Volumes of Revolution"
5. Mala Nataraj "Vedic Mathematics Methods-the number system leading to Algebra"
6. Catherine Udy-Bothwell, "Related Rates of Change-student challenges"
7. Derek Smith, "An introduction to CAS Calculators"
8. Anna Dumnov, "Learning about number e through its history: One student's journey"
9. Colin Spurdle, "A demonstration of fxDraw at work"
10. Doug Udy-Bothwell, "Level 1 Bearings"
11. Judy Paterson, "Using MathsReach with your students"
12. Pip Arnold, "Geometry: Transformations through Escher, Kowhaiwhai and Tivaevae"
13. Louise Addison, "Exploring the Number/Algebra strand of the new curriculum"
14. Gordon Davidson, "Activities for last period Friday"