



## STATE CONFERENCE

**Friday 15th to Sunday 17th August 2008**  
Edith Cowan University, Bunbury.

### Call for Registrations

The 28th annual State Conference (residential) will provide delegates an opportunity to;

- Hear about up-to-date initiatives in mathematics education
- Gain useful teaching strategies and ideas
- Engage in professional debate with like-minded colleagues
- Contribute to the profession by sharing ideas with others
- Mix with leading mathematics educators from WA and the Eastern States
- Make new contacts for on-going professional development and sharing

The MAWA Committee has reduced the cost of the registration from last year to make it easier for teachers to attend and gain the benefits of such superior quality professional development. To register please complete the form on the back of this flyer.

#### KEYNOTE SPEAKER

Mike Camden works for Statistics New Zealand and has a passionate interest in how young people engage in and learn about chance and data. He believes that chance and data is a critical subject for children of all ages and particularly for making sense of things in an information-rich society of the future. A brief excerpt of his abstract is provided below.

#### School statistics for a challenging century

Chance and Data forms a very strong subset of West Australia's Mathematics Courses. For this subset and the rest of the courses, 'people who are mathematically able can contribute greatly towards dealing with many difficult issues facing the world today, such as health, sustainability, climate and justice'. However, the Chance and Data subset has some differences from the rest: It enables people to contribute in different ways, it is learnt in different ways, and we need to deliver it in different ways. The community needs to value it in different ways.



#### FIRST STEPS MODULES FOR PRIMARY TEACHERS

Primary teachers will be able to participate in a stream which focuses around the First Steps modules. This will involve approximately 8 hours of First Steps PD presented by a quality, accredited First Steps presenter. They will also be able to participate in the Friday evening session, the Keynote Address on Saturday morning and all of the informal aspects of the conference.

#### ACCOMMODATION

Accommodation is offered at The Lord Forrest Hotel and The Clifton Motel as an all inclusive package. Rooms are on a shared basis - double, twin or triple. For an additional fee, a number of single rooms are available on request. Rooms at The Lord Forrest will be allocated in order of receipt of the registration forms, with first preference being given to 2008 individual MAWA members.

Refunds Policy: \$30 cancellation fee up to 27 July: 50% refund from 28 July to 4 August and no refund after 4 August.



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### PROGRAM

#### Friday 15 August

**8:00pm to 11:00pm** Welcome by Michelle Östberg, President of MAWA, followed by mathematics activities for all ages. This will be a little light-hearted and entertaining but will also tackle some serious mathematics and issues. This will be followed by an informal supper and the chance to meet and talk with some leading mathematics educators and other delegates.

#### Saturday 16 August

**9:00am to 10:25am** **Keynote address** on Chance and Data by a New Zealand statistician. Mike Camden. See page one for abstract.

**11:00am to 4:30pm** **FOUR concurrent sessions of 60 or 80 minutes duration.** Each concurrent session will provide about eight different presenters from which to choose. Participants will have great difficulty trying to choose one presentation from those available. To assist, some of the more popular sessions will be repeated during the weekend. See page three for more details of some of the presenters and titles.

**Throughout the day...** Delegates will be able to view a wide variety of new products and ideas from most of the leading distributors of mathematics education materials and technology equipment.

Morning tea lunch and afternoon tea are provided and full delegates will enjoy an evening dinner and time to catch up with other delegates and share ideas.

#### Sunday 17 August

**9:15am to 1:00am** **THREE concurrent sessions of 60 or 80 minutes duration.** Each concurrent session will provide about eight different presenters from which to choose. Participants will have great difficulty trying to choose one presentation from those available. To assist, some of the more popular sessions will be repeated during the weekend. See page three for more details of some of the presenters and titles.

Morning tea and lunch will be served and further opportunities to view the many exhibits of materials and technology.

**Finale...** A closing session with a chance to win some magnificent prizes.

## Primary Teachers - First Steps Modules

A stream for primary teachers will be based around the First Steps in Mathematics professional development. During the concurrent sessions accredited First Steps presenters will deliver First Steps modules and will give accreditation to the participants. This should provide many teachers with an excellent opportunity to access this quality professional development without the additional cost of relief teachers. This stream will be subject to there being a sufficient numbers of participants. (Please indicate your interest on the registration form on page four.)

## A sample of the concurrent sessions

PRESENTER	TITLE	LEVEL**
Rob McAllister	1B/1C Course of Study	S
Mark O'Brien	Are we still investigating Mathematics	S
Sharon Eggers	CAS 101 Casio Classpad Fundamentals (2 sessions)	S
Mike Camden	Chance and Data: Activities and insights for Primary Levels	P
Mike Camden	Chance and Data: Activities and insights for Secondary Levels	S
Ray Williams	Connecting Ti Nspire in the classroom-wire and wireless	G
Charlie Watson	Exploring optimization problems using handheld technology	S
First Steps presenter	First Steps modules with accreditation for participants	P
Barry Kissane	Flash applets for teaching and learning mathematics	P and S
Charlie Watson	How do I ... with the Casio Classpad	S
Lisa Sinibaldi	Introducing the derivative the old way with new technology	S
Lisa Sinibaldi	Investigating linear sequences in LS on the Ti Nspire	MS
Jenny Curtis and Ray Williams	Investigating slopes of linear functions with Ti Nspire	S
Ray Williams	Is there a better approach to Algebra in Year 8	MS
Lisa Groetzinger and Ray Williams	Is there a place for Social Justice in a Mathematics Lesson?	MS
Barry Kissane	Learning mathematics with a ClassPad	S
Joan Burfitt	Mathematics Stage 1	S
Jeff Baxter and Rom Cirillo	New Courses of Study	S
Mark O'Brien	Resources - new WACW courses WestOne	S
Carolyn Bone	Side and On-Line learning	S
Charlie Watson	Tips and Tricks For The Casio FX-9860G AU	S
Barry Kissane and Marian Kemp	Using a graphics calculator to improve learning in Years 9-10	S
Piet Speyers	Using the Ti Nspire - with Y10 students	S
Christine Lee	Washing Line Maths	MS
Stephen Corcoran	Welcome to the New Nelson Maths for WA Text Book	S
Mahendra Vaswami	What we do in Hale in Year 10	S

**Plus many more superior quality sessions to be announced later.**

\*\* P – Primary    M – Middle Years    S – Secondary    G – General

