

Research Conference

2010

15-17 August 2010

Crown Conference Centre

Melbourne, Victoria

Teaching Mathematics? Make it count:

What research tells us about effective teaching and learning of mathematics

Mathematics has a central place in the school curriculum at all levels. Mathematics contributes to ways in which all people interpret everyday situations and make personal decisions in their homes, society and workplaces. People who are well educated in mathematics are able to respond better to the demands of a global economy, technological change and social challenges.

Mathematics also provides a foundation for studies in many fields and applications based on those fields of learning. Sufficient numbers of mathematics specialists and mathematically expert professionals are required for the development of society and enhancing economic competitiveness by generating new ideas and applications.

Research Conference 2010 will focus on mathematics teaching. It will draw together research-based knowledge about effective teaching and learning of mathematics. It will consider approaches to teaching that develop the mathematical proficiency of students and that catch and hold their interest in mathematics from the early years through to post-compulsory education. It will be relevant to those directly involved in mathematics education as well as those concerned more broadly with the place of mathematics in education.

Registration: www.acerinstitute.edu.au

Speakers include:

Professor Paul Ernest
The University of Exeter, UK

Mr Phil Daro
University of California, Berkley, USA

Professor Kaye Stacey
The University of Melbourne, Vic

Professor David Clarke
The University of Melbourne, Vic

Professor Merrilyn Goos
The University of Queensland

Professor John Pegg
University of New England, NSW

Dr David Leigh-Lancaster
Victorian Curriculum and Assessment Authority

Assoc Prof Rosemary Callingham
University of Tasmania

Professor Robyn Jorgenson
Griffith University, Qld

Assoc Prof Joanne Mulligan
Macquarie University, NSW

Professor Peter Sullivan
Monash University, Vic

Dr Shelley Dole
University of Queensland

Professor Tom Lowrie
Charles Sturt University, NSW

Dr Sue Thomson
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Mr Ross Turner
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Assoc Prof Robert Reeve
The University of Melbourne, Vic
