

**PROGRAM MANSW Conference 2009**  
**Friday 18th September**

From 8:30 am	<b>Registration &amp; Coffee: Foyer</b>				
9:30-9.45	<b>Welcome</b> Housekeeping Endeavour Ballroom				
<i>Room</i>	<i>Endeavour 1</i>	<i>Endeavour 2</i>	<i>Endeavour 3</i>	<i>La Perouse 2</i>	<i>La Perouse 1 Comp Lab 25</i>
<b>Session 1</b> 9:45 - 10:45	Associate Professor Jacqui Ramagge <i>Calculation of ATAR</i>				
10:45-11:15	<b>Morning tea</b> Foyer				
11:15-12:15	<b>Keynote address</b> Professor Fred Watson				
<b>Session 2A</b> 12:15-1:10 LUNCH A	Chris Freeman  ACER NAPLAN		Room not in use	Morris Needleman  <i>Circular Motion</i>	Tobias Cooper  <i>Google Stats</i>
<b>Session 2B</b> 1:15-2:10 LUNCH B	Steve Arnold  <i>What might CAS mean for NSW?</i>	Peter Sullivan  <i>Using open ended questions</i>	David Keanan-Brown  <i>Curve Sketching Ext 2</i>	Angela D'Angelo  <i>Are you prepared for laptops in classrooms?</i>	Alan Catley  <i>Putting Autograph to work Years 11-12 &amp; beyond</i>
<b>Session 3</b> 2:15-3:10	Mark O'Brien  <i>Algebra</i>	James Somerville- McAlester  <i>Maths is an option</i>	Paula Chan Dani Todd  <i>Alternative Assessment</i>	Evelyn Ashcroft  <i>Maths for Tradies</i>	Peter Fox Russell Brown  <i>Leaping Frogs</i>
<b>Session 4</b> 3.15-4:10	Judy Binns  <i>Ideas and strategies for teaching low ability students</i>	Tracey Hughes-Butters  <i>Simply Mathtastic</i>	Morris Needleman  <i>With thanks to James Taylor</i>	John Ley  <i>Integrating Spreadsheets</i>	Phillip Walsh  <i>Achieve More with Mathletics : Espresso Session</i>
4:15-4:45	<b>Afternoon tea</b> Foyer				
<b>Session 5</b> 4:45-5:40	Heather McMaster Mike Mitchelmore  <i>Mathematics on the farm</i>	Emma Campbell  <i>Programming for Years 7-10</i>	Richard Andrew  <i>Making Sense with Maths Solutions</i>	Karen McDaid Cathy Attard  <i>Concrete Materials</i>	Alan Catley  <i>Putting Autograph to work Years 7-10</i>
6:00 pm	<b>Welcome Reception</b> <i>Sponsored by Abacus Calculators</i> On the Terrace				

**PROGRAM MANSW Conference 2009**  
**Saturday 19th September**

8:00-9:00	<b>Early morning coffee</b> Foyer				
9:00-10:00	<b>Keynote address</b> Professor Peter Sullivan				
10:00-10:15	Housekeeping				
10:15-10:40	<b>Morning tea</b> Foyer				
<b>Room</b>	<b>Endeavour 1</b>	<b>Endeavour 2</b>	<b>Endeavour 3</b>	<b>La Perouse 2</b>	<b>La Perouse 1 Comp Lab 25</b>
<b>Session 6</b> 10.40-11.35	Board of Studies update  Secondary			Room not in use	Room not in use
<b>Session 7</b> 11:40-12:35	Room not in use	Room not in use	Room not in use	Tracey Hughes-Butters  TechoMaths	Michaela Inglis  Teaching Calculus through Technology
<b>Session 8A</b> 12:40-1:35  LUNCH A	Mary Coupland  What is Integration	Stehanie Harding Brooke Church Using technology in the 21st century maths classroom	Tobias Cooper  Beginners Autograph 3.2	Mary Quinane Gina Galluzzo Debbie Taylor Numeracy Intervention Project	Kellie Baker  Achieve More with Mathletics : Cappucino Session
<b>Session 8B</b> 1:40 - 2:35  LUNCH B	Alan Catley  Making Mathematics lessons more Dynamic	Anthony Mahoney  Practical ideas for teaching Algebra	Angela Bottaro Susan Howlett Maths at the Zoo	Tom Garvey Lyn Edwards Maths in Space	Richard Andrew  Getting started with Geogebra
<b>Session 9</b> 2:40 - 3:35	Anne Prescott  Misconceptions about Projectile Motion	Judy Anderson Jan Harte Paul White  NAPLAN	Tobias Cooper  Geometer Sketchpad Beginners	Mark O'Brien  Using Learned Concepts	Lindsay Rogers  Abacus Software Suite
3:40 - 4:00	<b>Afternoon tea</b> Foyer				
<b>Session 10</b> 4:00 - 4:55	Room not in use	Room not in use	Room not in use	Richard Andrew  Raising Algebra from the dead	Emma Campbell  Word Pt 2
6:00	<b>Pre-dinner drinks</b>				
7:00	<b>Conference dinner</b> Endeavour Ballroom				

**PROGRAM MANSW Conference 2009**  
**Sunday 20th September**

<b>9:30-10:00</b>	<b>Early morning coffee</b> Foyer				
<b>Room</b>	<b>Endeavour 1</b>	<b>Endeavour 2</b>	<b>Endeavour 3</b>	<b>La Perouse 2</b>	<b>La Perouse 1 Comp Lab 25</b>
<b>10.00-11.00</b>	<b>Keynote address</b>  Dr Peter Gould				
<b>11:00-11:30</b>	<b>Morning tea</b> Foyer				
<b>Session 11 11:30-12:25</b>	Val Larkin  <i>Engaging junior secondary students</i>	Gerard Tuffield Darryl van Leerdam <i>Tomorrows classroom, here today</i>	Alan McSeveny  <i>The On your Markmaths builder</i>	Amanda Oudri Danielle Inman  <i>Celebrating Pi day</i>	Joanne Smith John Meng <i>Blogging &amp; Moodling Mathematics</i>
<b>Session 12 12:30-1:25</b>	Joshua Harnwell  John Nelson  <i>Live Text and other resources</i>	Sharon London  <i>Using technology in the mathematics classroom</i>	Cameron Hallowell  Shirly Griffith  <i>Teaching with online resources</i>	Sue Thomson   <i>Puzzles &amp; Problems</i>	Tobias Cooper   <i>Microsoft Math and Word 2007</i>
<b>1:30-2:30</b>  <b>LUNCH</b>					

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From 8:30 am	<b>Registration &amp; coffee: Foyer</b>				
9:30-9.45	<b>Welcome</b> Housekeeping Endeavour Ballroom				
<b>Room</b>	<b>Sirius 1</b>	<b>Sirius 2</b>	<b>Discovery</b>	<b>Supply</b>	<b>Bounty</b>
<b>Session 1</b>				AAMT PD for On-line learning	
9:45 - 10:45		Cathy Attard  Linda Flanagan <i>Investigating Ways</i>	Zannah Stredwick  Jo Bratby <i>Stage 2 Mathematics</i>		Chris Longhurst  <i>What is CAS?</i>
10:45-11:15	<b>Morning tea</b> Foyer				
11:15-12:15	<b>Keynote address</b> Professor Fred Watson				
<b>Session 2A</b>	Delvene Nielson <i>Horses for Courses : multiple ways to learn maths</i>	Dawn Bartlett <i>Learning geometry with technology</i>	James Burnett <i>Developing Multiplication and Division Strategies</i>	AAMT PD for On-line learning	George Anderberg  <i>Fractions</i>
12:15-1:10 <b>LUNCH A</b>					
<b>Session 2B</b>	Margaret Grove  <i>Understanding Graphs</i>	Emma Campbell  <i>Word Pt 1</i>	Alana Daley  <i>Mental Computations</i>	AAMT PD for On-line learning	Susan Turnbull  Rick Stevens  <i>Extension &amp; Engagement</i>
1:15-2:10 <b>LUNCH B</b>					
<b>Session 3</b>	Brad Palmer  <i>Make your own PowerPoint's</i>	Michael Cavanagh Mike Mitchelmore <i>Using IT to improve engagement</i>	Mark Shore  <i>Maths is taught backwards</i>	AAMT learning	Robert Yen  <i>General Maths HSC Exam</i>
2:15-3:10					
<b>Session 4</b>	Robin Nagy  <i>The dotted shapes project</i>	Tobias Cooper  <i>Geogebra and Google Sketchup</i>	Susan Turnbull  Matthew Somerton  <i>A4 maths</i>	AAMT PD for On-line learning	Steve Arnold  <i>What's new in Maths Software 2009</i>
3.15-4:10					
4:15-4:45	<b>Afternoon tea</b> Foyer				
<b>Session 5</b>	Russell Brown  <i>Exploring Optimization</i>	Mark O'Brien  <i>Co-operative Learning</i>	James Burnett  <i>Developing Addition and Subtraction Strategies</i>	AAMT PD for On-line learning	Sue Thomson  <i>New Casio</i>
4:45-5:40					
6:00 pm	<b>Welcome Reception</b> <i>Sponsored by Abacus Calculators</i> <b>On the Terrace</b>				

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9:00-10:00	<b>Keynote address</b> Professor Peter Sullivan				
10:00-10:15	Housekeeping				
10:15-10:40	<b>Morning tea</b> Foyer		<b>Morning tea for Conference First Timers</b> will be served in Discovery		
<b>Room</b>	<b>Sirius 1</b>	<b>Sirius 2</b>	<b>Discovery</b>	<b>Supply</b>	<b>Bounty</b>
<b>Session 6</b> 10.40-11.35	Board of Studies update  Primary		Room not in use	AAMT PD for On-line learning	Room not in use
<b>Session 7</b> 11:40-12:35	Janine Angove  <i>Activities to promote Thought &amp; Discussion</i>	Peter Rundle  Stuart Palmer  <i>Ideas to enthuse your students</i>	Morris Needleman   <i>With thanks to James Taylor</i>	AAMT PD for On-line learning	Mark O'Brien  <i>Are we still investigating Mathematics</i>
<b>Session 8A</b> 12:40-1:35  LUNCH A	Sharon London  <i>Working mathematically with HOTmaths</i>	Alan McSeveny Rachel McSeveny  <i>Teaching to Stage not age</i>	Geoff Dix   <i>Resources for Laptops</i>	AAMT learning	Barry Butz  <i>Listening tasks for Stage 6 ESL</i>
<b>Session 8B</b> 1:40 - 2:35  LUNCH B	Lloyd Dawe  <i>Latitude at the Equinox</i>	Sue Thomson  Nicky Vanderhout  <i>Mathematical Knitting</i>	Stuart Palmer   <i>Let me count the ways</i>	AAMT PD for On-line learning	Janine Angove  <i>Versatile use of Technology</i>
<b>Session 9</b> 2:40 - 3:35	Joanne Mulligan Deborah Adams  <i>Implementing Patterns and Algebra</i>	Sue Thomson Nicky Vanderhout  <i>Mathematical Knitting</i>	Theresa Shellshear   <i>What's behind the question</i>	AAMT learning	John Hastings Allan White <i>How to book a room at the Hotel " INFINITY "</i>
3:40 - 4:00	<b>Foyer</b>				
<b>Session 10</b> 4:00 - 4:55	Monique Miotto  Ingrid Kemp  <i>McMillan Active Maths</i>	Stuart Palmer   <i>Mathematical Induction with blue budgies</i>	Bing Ngu   <i>Learning of Trig equations</i>	AAMT PD for On-line learning	Salma Tahir  Rachel Mowe  Meetal Shah <i>Research Project</i>
6:00	<b>Pre-dinner drinks</b>				
7:00	<b>Conference dinner</b> Endeavour Ballroom				

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10.00-11.00	<b>Keynote address</b> Dr Peter Gould				
11:00-11:30	<b>Morning tea</b> Foyer				
<b>Session 11</b> 11:30-12:25	Emma Campbell <i>Teaching Ideas and resources for Stage 4</i>	Dianne McPhail <i>Spatial investigations revisited</i>	Allan White John Hastings <i>Developing mathematical reasoning through KenKen</i>	AAMT PD for On-line learning	Room not in use
<b>Session 12</b> 12:30-1:25	Room not in use	John Ley <i>Too much content Too little Time</i>	Michelle Papsdorf Nicole Smith <i>Using Technology to engage primary</i>	AAMT PD for On-line learning	Room not in use
1:30-2:30 <b>LUNCH</b>					