

Mathematics Education Doctoral Student Conference 2008 Program

9:00 – 9:25	Welcome and coffee	
9:30 – 9:55	Pedagogical content knowledge in mathematics for elementary teachers courses: Two preliminary cases	Susan Oesterle
10:00 – 10:25	Connecting patterns and that mumbo jumbo stuff we have to teach: A collaborative lesson design	Paulino Preciado
10:30 – 10:55	An account of a lesson study on the parabola: Insights into building the effective practitioner	Natasa Sirotic
11:00 – 11:25	Access to education for aboriginal students: Measurement of effectiveness of outreach programs	Melania Alvarez
11:25 – 11:45	Break	
11:50 – 12:15	Inequalities in the history of mathematics: From peculiarities to a hard discipline	Elena Halmaghi
12:20 – 12:45	Independent component analysis and its application to mathematics education research	Olga Shipulina
1:00 – 2:00	Lunch: Himalayan Peak Restaurant	
2:15 – 3:00	Plenary: Mathematics education as an interdisciplinary endeavour: over thirty years of looking elsewhere	David Pimm
3:00 – 3:30	Break / Discussion Period	
3:30 – 4:00	Plenary Q&A	
4:05 – 4:30	A functional role for the cerebellum: Implications for mathematics education	Kerry Handscomb
4:35 – 5:00	Beyond static imagery: How mathematicians think about concepts dynamically	Shiva Gol Tabaghi
5:05 – 5:30	How to act? A question about encapsulating infinity	Ami Mamolo