

26th Victorian Algebra Conference

Program of Talks

Thursday 2 September 2008 to Friday 3 September 2008

Room 8.9.66 (Access Grid Room) / Room 8.9.41 / Room 8.9.43

	Thursday 2 September		Friday 3 September
	Come to the RMIT Maths Common Room, Building 8, Level 9, Room 3.	8.30–8.55	Early Morning Coffee
9.00–9.25	Coffee & Registration	9.00–9.25	Mike Newman: Automorphism groups of free groups
9.30–9.55	Introduction	9.30–9.55	Jane Pitkethly: The lattice of alter egos
10.00–10.55	Arun Ram: A combinatorial formula for Macdonald polynomials	10.00–10.25	Narwin Perkal: Axiomatisability modulo Priestley
		10.30–10.55	Coffee Break
11.00–11.25	Coffee Break	11.00–11.55	Murray Elder: Stallings' group has a quadratic Dehn function
11.30–11.55	James East: Generators and Relations for Partition Monoids and Algebras		
12.00–12.25	David Rodgers: Congruences on lattices of e -pseudovarieties of finite regular semigroups	12.00–12.25	Grant Cairns: On the action of the centre on the cohomology of finite dimensional nilpotent Lie algebras
12.30–1.25	Lunch Break and VAG AGM	12.30–1.25	Lunch Break
1.30–1.55	Stephan Tillmann: A generalisation of the BNS invariant	1.30–1.55	Ian Wanless: Two colourable triangulations of the plane & latin trades that embed in abelian groups
2.00–2.25	Neil Saunders: Minimal permutation degrees of irreducible Coxeter groups	2.00–2.25	Dr Bhavnagri: Free actions, Grassmanian variety with applications
2.30–2.55	Kerri Morgan: Chromatic factorisation of graphs	2.30–2.55	Alexandru Ghitza: A differential operator for modular forms in positive characteristic
3.00–3.25	Douglas Stones: On the size of autotopism groups of Latin squares	3.00–3.25	Coffee Break
3.30–3.55	Coffee Break	3.30–3.55	Nora Ganter: Characters of categorical representations
4.00–4.25	Ashish Gupta: Non-holonomic simple modules of quantum Laurent polynomial algebras	4.00–4.25	Craig Westerland: Homological stability for Hurwitz spaces and some number-theoretic consequences
4:30–4.55	Sze-Yu Chen: Finitely presented abelian-by-nilpotent Lie algebras	4:30–4.55	Peter Tingley: The half twist in ribbon categories
5.00–5.25	Marcel Jackson: Undecidability of representability as binary relations	5.00–5.25	Close of Conference
5.30–5.55	Barry Gardner: Steiner triple algebras		
6.00–6.30	Travel to restaurant		
6.45–	Conference Dinner and Prize Giving		