

Statistical Mechanics Meeting 2008

	Participant	Affiliation	Dinner	Talk	Title
1	Norm Frankel	Melbourne	0	1	Mean pursuits
2	Peter Jarvis	Tasmania	0	1	Exactly solvable models for quantum dissipative systems via bosonization of fermion gas-impurity models
3	Alex Kalloniatis	DSTO	1	1	Using the Feynman path integral towards solving the networked Kuramoto model
4	Stephen Williams	ANU	1	1	Response theory and the viscosity of solid materials
5	Tim Garoni	Melbourne	2	1	Worm algorithms
6	Vanessa de Souza	Sydney	1	1	Unconstrained motions and relaxation in a disordered network of bonds
7	Sebastien Leonard	Sydney	1	1	Thermal relaxation fronts propagate into a glassy thin film
8	Jan de Gier	Melbourne	1	1	Slowest relaxation mode of partially asymmetric simple exclusion process with open boundaries
9	Jorgen Rasmussen	Melbourne	2	1	Fusion algebras of the W-extended logarithmic minimal models
10	Katherine Seaton	La Trobe	0	0	
11	Peter Harrowell	Sydney	1	1	Soft modes and irreversible relaxation in supercooled liquids
12	Jacques Perk	Oklahoma	1	1	New results on correlations in Ising models
13	Helen Perk	Oklahoma	1	1	Overlapping unit cells in 3-d quasicrystal structure
14	Richard Brak	Melbourne	0	1	A bijection between partially directed walks in a wedge and involutions without fixed points
15	Phil Attard	Sydney	0	1	Theory for non-equilibrium statistical mechanics: new simulation algorithms
16	Nathan Clisby	MASCOS	1	1	Critical exponents for self-avoiding walks from a fast implementation of the pivot algorithm
17	Jon Links	Queensland	1	1	Bethe ansatz solution for the BCS model with p+ip pairing symmetry
18	Judy-anne Osborn	ANU	1	1	Banded lattice paths
19	Aleks Owczarek	Melbourne	0	0	
20	Peter Forrester	Melbourne	0	1	Systems of differential equations for some correlation functions
21	Jason Doukas	MASCOS	2	0	
22	Iwan Jensen	Melbourne	1	1	On the five- and six-particle contributions to the Ising model susceptibility
23	Billy Todd	Swinburne	1	1	Non-locality and its implications for nanofluidics
24	Murray Batchelor	ANU	1	1	Interacting multi-component fermions
25	Tony Guttmann	Melbourne	1	1	Four-dimensional lattice Green's functions
26	Matthew Zuparic	Melbourne	0	1	Fermionization of the six-vertex model and the KP hierarchy
27	Nick Witte	Melbourne	2	1	The Bethe ansatz from the analytical viewpoint
28	Anita Ponsaing	Melbourne	1	1	A solution of the Type C q-deformed Knizhnik-Zamolodchikov equation
29	Paul Pearce	Melbourne	2	0	
30	Anthony Mays	Melbourne	1	1	Odd correlations for $\beta=1$ random matrices
31	Jesper Hansen	Swinburne	1	1	Molecular dynamics simulation of a chemical wave front
32	Debra Bernhardt	Griffith	1	1	The dissipation theorem

33	Heather Lonsdale	Melbourne	0	1	Directed compact percolation near a damp wall
34	Vladimir Mangazeev	ANU	0	1	Variational approach to the scaling function of the 2D Ising model in a magnetic field
35	Haruhi Hata	Ochanomizu	1	0	
36	Peter Daivis	RMIT	1	1	Non-linear response fluids --- is there an ideal thermostat?
37	Gary Iliev	MASCOS	2	1	Directed path models of polymers subject to an elongation force
38	Owen Jepps	Griffith	1	0	
39	Vladimir Bazhanov	ANU	1	1	Quantum Yang-Baxter equation for classical dynamics
40	Ian Enting	MASCOS		0	
41	Toby Hudson	Sydney	1	1	Stress relaxation in a continuous random network
42	Omar Foda	Melbourne	0	0	
	Totals		36	32	