

Annual Statistical Mechanics Meeting

Manning Clark Theatrette 6, Australian National University

TIMETABLE

Monday 10 December 2007

- 9.00** **Tea and Coffee** – room 1175 John Dedman building
- 9.45** *Natural parametrization for the Schramm-Loewner evolution*
G. Lawler (Chicago)
- 10.10** *Discrete Conformal Symmetry*
V. Mangazeev (ANU)
- 10.35** *Brownian dynamics of ring polymers in solution and DNA knots*
T. Deguchi (Ochanomizu, Tokyo)
- 11.00** **Tea and Coffee** – room 1175 John Dedman building
- 11.30** *Spatial fluctuations in irreversible behaviour in a supercooled liquid*
P. Harrowell (Sydney)
- 11.55** *Statistical mechanics of nonergodic systems*
S. Williams (ANU)
- 12.20** *Pulling a single polymer attached to a wall: simulation results*
J. Krawczyk (Melbourne)
- 12.45** **Lunch**
- 2.00** *Lyapunov modes in a system with a heat flux*
G. Morriss (UNSW)
- 2.25** *Stress fluctuations in a supercooled network liquid*
T. Hudson (Sydney)
- 2.50** *Exact scaling functions for polymers in slits*
A. Owczarek (Melbourne)
- 3.15** **Tea and Coffee** – room 1175 John Dedman building
- 3.50** *Decimation of classical random matrix ensembles*
P. Forrester (Melbourne)
- 4.15** *String correlation function for spin-1/2 XXZ chain and its application to 2D BCSOS model*
M. Shiroishi (Tokyo)
- 4.40** *On the construction of correlation functions for the quantum supersymmetric fermion models*
S.Y. Zhao (Queensland)
- 5.05** *Baxter's Q-operators for supersymmetric spin chains*
Z. Tsuboi (Okayama Institute for Quantum Physics)
- 5.30** *STATPHYS 24 Cairns 2010: brief update and discussion*
- 7.00** **Dinner** – Turkish Pide House, 16 Moore St, Civic

Tuesday 11 December

- 9.00** *The qKZ equation with boundaries: positivity conjectures and sum rules*
J. de Gier (Melbourne)
- 9.25** *Graphical representation of Hecke algebras*
K. Shegechi (Tokyo)
- 9.50** *Viennot pavings, determinants and lattice paths*
J. Osborn (ANU)
- 10.15** *Interacting multi-component fermions*
X.W. Guan (ANU)
- 10.40** **Tea and Coffee** – room 1175 John Dedman building
- 11.15** *Derivative delta-function anyon gas*
A. Kundu (Saha Institute)
- 11.40** *Anyonic BCS models*
J. Links (Queensland)
- 12.05** *Yet another proof of the RSK Bijection*
R. Brak (Melbourne)
- 12.30** **Lunch**
- 2.00** **Bus Departure for Kioloa Mathematical Physics Workshop
From Burgmann College**

NOTES

Please bring (p)reprints for display in room 1175.

All talks are of 25 mins duration, including questions.

For those parking near John Dedman, free parking permits will be available on Monday morning.