Warwick Mathematics Institute

**2006/2007 Symposium on
Low Dimensional Geometry and Topology**
Main Organiser: Caroline Series

Workshop on 3-manifold geometry and topology

9am, Monday 9 July, 2007 – 1pm, Thursday 12 July, 2007

Organisers: Marc Lackenby & Daryl Cooper

PROGRAMME

*All talks (except Wednesday afternoon) are in
Lecture Theatre MS.01 in the Mathematics Institute, Zeeman Bulding*

Monday 9 July 2007

09:00 -10:15	**Registration** (in Room B1:37) and **Coffee** in the Mathematics Institute Common Room
10:15 -11:15	**Alan Reid** (Texas at Austin) *Heegaard genus and property τ for hyperbolic 3-manifolds*
11:15 -11:30	short break (no coffee)
11:30 - 12:30	**Stephan Tillmann** (Melbourne) *The Thurston norm via normal surfaces*
12:30 - 14:30	Lunch break
14:30 - 15:30	**Jessica Purcell** (Texas at Austin & Oxford) *Geometry under reflection*
15:30 - 16:15	Tea in The Street (ground floor close to the main entrance)
16:15 - 17:15	**Michel Boileau** (Toulouse) *Tits alternative and PD(3) groups*
18:00	Buffet dinner in The Street

Tuesday 10 July 2007

09:00 - 10:00	**Ian Agol** (Illinois at Chicago & Berkeley) *Virtually fibering 3-orbifolds and virtually depth one taut sutured manifolds*
10:00 - 10:45	Coffee in The Street
10:45 - 11:45	**Genevieve Walsh** (Tufts) *Commensurability classes of 2-bridge knots*
11:50 - 12:50	**Steve Boyer** (Quebec at Montreal) *On families of virtually fibred Montesinos link exteriors*
12:50 - 14:30	Lunch break
14:30 - 15:30	**Darren Long** (Santa Barbara) *The virtual Betti numbers of closed arithmetic 3-manifolds*
15:30 - 16:15	Tea in The Street
16:15 - 17:15	**Shelly Harvey** (Rice) *Homology and derived p-series of groups*

Wednesday 11 July 2007

09:00 - 10:00	**Alex Coward** (Oxford) *Detecting the bridge number of hyperbolic knots*
10:00 - 10:45	Coffee in The Street
10:45 - 11:45	**Steve Kerckhoff** (Stanford) *Reflective Dehn filling in dimension 4*
11:50 - 12:50	**Joseph Maher** (Oklahoma) *Random walks and the complex of curves*
12:50 - 14:30	Lunch break

The following two talks will be in Lecture Room B3.03 on the 3rd floor of the Mathematics Institute

14:30 - 15:30	**Jennifer Schultens** (Davis) *The width complex for knots and 3-manifolds*
15:30 - 16:15	*Tea in Mathematics Institute Common Room*
16:15 - 17:15	**Stefan Friedl** (Warwick, Quebec at Montreal) *Symplectic 4-manifolds and fibered 3-manifolds*

Thursday 12 July 2007

09:00 - 10:00	**Sylvain Maillot** (Strasbourg) *Sequences of metrics given by Ricci flow on aspherical 3-manifolds*
10:00 - 10:45	Coffee in The Street
10:45 - 11:45	**Joan Porti** (Barcelona) *More on sequences of metrics on aspherical manifolds*
11:50 - 12:50	**Martin Scharlemann** (Santa Barbara) *A 3-dimensional reimbedding strategy for the 4-dimensional Schoenflies conjecture*
	THE END

*If you have any questions during the Workshop please see either Hazel Higgens
or Yvonne Collins in Room B1:37 which is opposite the Common Room*