

2006/2007 Symposium on Low Dimensional Geometry and Topology
Main Organiser: Caroline Series**Hyperbolic structures on 3-manifolds
and large scale geometry of Teichmüller space**

Monday 16 July 2007 – Friday 20 July 2007

Organisers: Javier Aramayona, Brian Bowditch & Caroline Series

PROGRAMME**Monday 16 July 2007***All Monday morning talks are in Lecture Theatre MS.01, Mathematics Institute, Zeeman Building*09:45 - 10:30 **Registration** in Room B1.37 and **Coffee** in the Mathematics Institute Common Room10:30 - 11:20 **Scott Wolpert** (Maryland) *The CAT(0) geometry of Teichmüller space*11:30 - 12:20 **Juan Souto** (Chicago) *Rank of the fundamental group and geometry of hyperbolic 3-manifolds*

12:30 - 14:00 Lunch break

*All Monday afternoon talks are in Westwood Lecture Theatre*14:00 - 14:50 **Ken'ichi Ohshika** (Osaka) *Divergence, exotic convergence and self-bumping in quasi-Fuchsian spaces*15:00 - 15:40 **Teruhiko Soma** (Tokyo Metropolitan) *Geometric limits of quasi-Fuchsian groups*

15:40 - 18:00 Break

18:00 Buffet supper in The Street (ground floor close to the main entrance)

*All the remaining Workshop talks will be in Lecture Theatre MS.01, Mathematics Institute, Zeeman Building***Tuesday 17 July 2007**09:15 - 10:05 **Ken Bromberg** (Utah) *Grafting, drilling and the ending lamination classification*

10:15 - 11:00 Coffee in The Street (ground floor close to the main entrance)

11:00 - 11:40 **David Dumas** (Brown) *Slicing, skinning, and grafting*11:50 - 12:40 **Yair Minsky** (Yale) *Coarse geometry of mapping class groups*

12:50 - 15:40 Lunch break

15:40 - 16:20 **Chris Leininger** (Urbana) *The boundary of the curve complex*16:30 - 17:10 **Kasra Rafi** (Chicago) *Rigidity of the curve complex*17:20 - 18:00 **Saul Schleimer** (Warwick) *Covers and the curve complex***Wednesday 18 July 2007**09:15 - 10:05 **Sergio Fenley** (Florida State) *Asymptotics of foliations and ideal boundaries of pseudo-Anosov flows*

10:15 - 11:00 Coffee in The Street

11:00 - 11:40 **Ken Shackleton** (Tokyo Inst. Technology) *On the coarse geometry of the Weil-Petersson metric*11:50 - 12:30 **Koji Fujiwara** (Tohoku) *Hyperbolicity, quasi-homomorphisms and stable commutator length*

12:30 - 14:00 Lunch

14:00 Free afternoon. Stratford Coaches leave at 14:30 and 16:00

RSC Macbeth 19:30 (ticket holders only). Coaches return at 22:30.

Thursday 19 July 200709:15 - 10:05 **Mary Rees** (Liverpool) *Estimates on pleated surfaces*

10:15 - 11:00 Coffee in The Street

11:00 - 11:40 **Cyril Lecuire** (Toulouse) *Thurston's cracked eggshell*11:50 - 12:30 **Hossein Namazi** (Princeton) *Splittings, hyperbolic geometry and models*

12:30 - 14:00 Lunch

14:00 - 14:50 **Dick Canary** (Michigan) *Introductory bumponomics: Topology of deformation spaces of hyperbolic 3-manifolds*

15:00 - 15:40 Tea in The Street

15:40 - 16:20 **Yoshikata Kida** (Tohoku) *Orbit equivalence rigidity for ergodic actions of mapping class groups*16:30 - 17:10 **Yitwah Cheung** (San Francisco) *Slow divergence and unique ergodicity*

18:30 Coaches leave for the Conference Dinner at Ryton Organic Gardens

Friday 20 July 200709:15 - 10:05 **Ursula Hamentstädt** (Bonn) *Dynamical properties of the Teichmüller flow*

10:15 - 11:00 Coffee in The Street

11:00 - 11:40 **Moon Duchin** (UC Davis) *Boundary phenomena in Teichmüller space*11:50 - 12:30 **François Guéritaud** (Orsay) *Delaunay triangulations of convex cores*

12:30 - 14:00 Lunch

14:00 - 14:50 **Sadayoshi Kojima** (Tokyo Inst. Technology) *Comparison of hyperbolic volumes with other invariants*15:00 - 15:50 **Walter Neumann** (Columbia) *Eigenvalue equivalence of hyperbolic manifolds*

16:00 - 16:45 Tea in The Street

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