2006/07 EPSRC Symposium on Low Dimensional Geometry & Topology

Workshop: Dynamics on Character Varieties

21 - 23 October 2008

Organisers: Caroline Series and Saul Schleimer

All talks will be in the Mathematics Institute, Zeeman Building.

Tuesday 21 October 2008, Lecture Room B3.02, 13:00-18:00

13:00-14:00 Anne Thomas (Cornell)
Lattices acting on Platonic polygonal complexes and Fuchsian buildings
[Joint with Algebra Seminar]
14:00-15:00 Jack Button (Cambridge)
The Bowditch conjecture and the Markoff conjecture
15:00-15:30 Tea in the Mathematics Institute Common Room
15:30-16:30 Serge Cantat (Rennes)
Lecture 1: Holomorphic dynamics and character varieties
16:30-17:30 Anthony Manning (Warwick)
Curves of fixed points of trace maps
19:00 Workshop dinner: Harringtons, Kenilworth

Wednesday 22 October 2008, Lecture Room B1.01, 13:00-17:00

13:30-14:30 Serge Cantat (Rennes)
Lecture 2: Holomorphic dynamics and character varieties
14:30-15:30 Brian Bowditch (Warwick)
Coarse models of hyperbolic three-manifolds
15:30-16:00 Tea in the Mathematics Institute Common Room
16:00-17:00 Jeroen Lamb (Imperial)
On the dynamics of trace maps motivated by nonlinear Schrödinger equations on aperiodic chains

Thursday 23 October 2008, Lecture Room D1.07, 14:00-18:00

14:00-15:00 Ser Peow Tan (Singapore)
Dynamics of the modular group action on the set of characters preserving a hyperbolic plane
15:00-16:00 Tea and discussion in the Mathematics Institute Common Room
16:00-17:00 Caroline Series (Warwick)
Pleating varieties and the discreteness problem

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.

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