

2017-2018 Warwick EPSRC Symposium

Geometric topology in low dimensions

18-22 September 2017

WARWICK
THE UNIVERSITY OF WARWICK

EPSRC
Engineering and Physical Sciences
Research Council

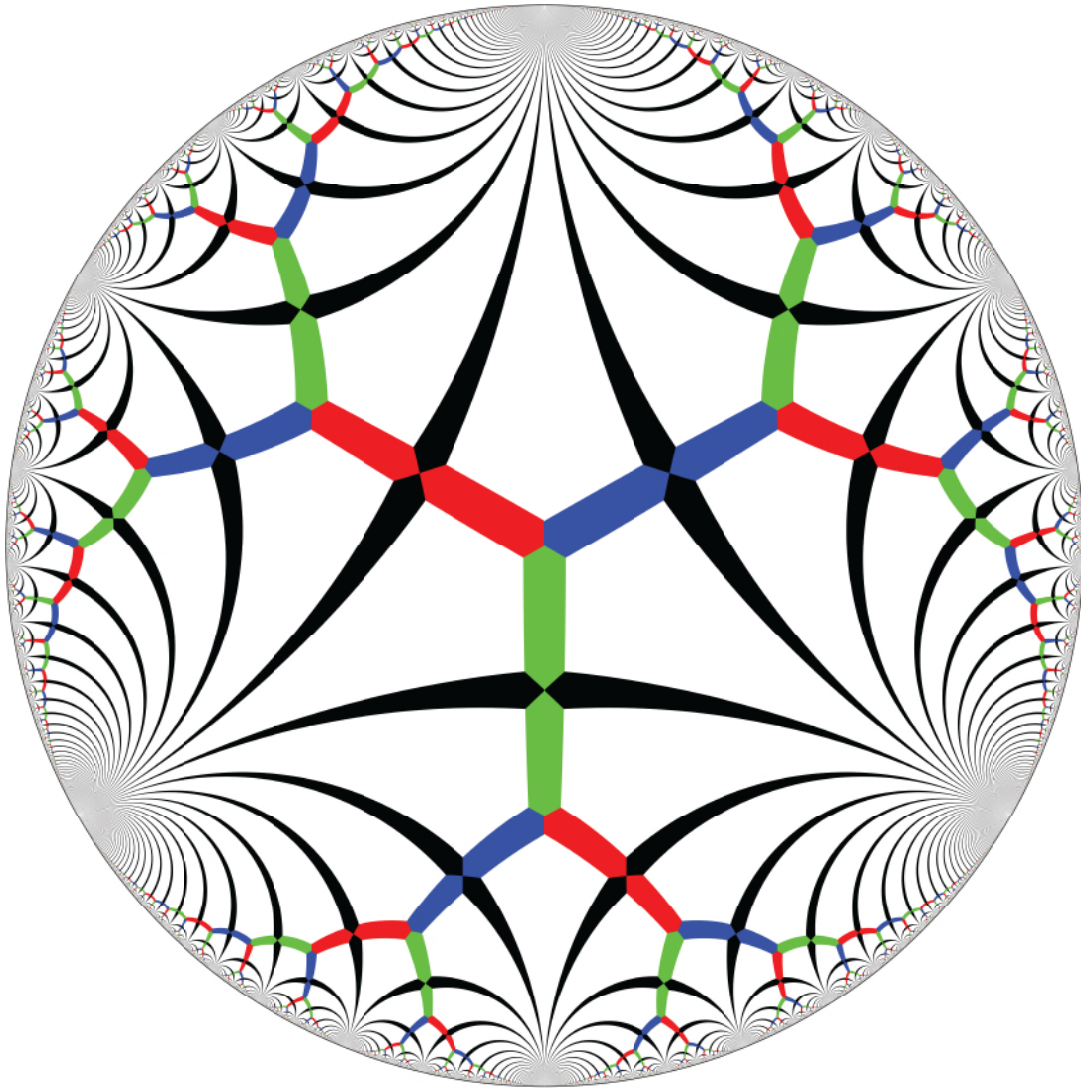


Image by Roice Nelson [http://roice3.org/]

	Monday	Tuesday	Wednesday	Thursday	Friday
09:30-10:30	Dunfield	Boileau	Greene	Wilton	Friedl
11:00-12:00	Purcell	Wilkes	Yazdi	Kent	Liu
12:00-14:00	Lunch	Lunch	Free Afternoon	Lunch	Lunch
14:00-15:00	Martelli	Futer		Schleimer	Brock
15:30-16:30	Gabai	Kerckhoff		Souto	

For further information on events at the Mathematics Institute, see: go.warwick.ac.uk/mathsevents
or contact: Mathematics Research Centre, Zeeman Building, University of Warwick, Coventry CV4 7AL, UK
E-mail: mrc@maths.warwick.ac.uk Phone: +44(0)24 7652 2681

Detailed Programme

All lectures will be held in Room MS.02, Zeeman Building;
all meals will be in the Mathematics Common Room, Zeeman Building

Monday

09:30-10:30	Nathan Dunfield (UIUC)	<i>An $SL(2, R)$ Casson-Lin invariant and applications</i>
11:00-12:00	Jessica Purcell (Monash)	<i>Decomposing 3-manifolds and the geometry of alternating links on surfaces</i>
12:00-14:00	Lunch	
14:00-15:00	Bruno Martelli (Pisa)	<i>Hyperbolic Dehn filling in dimension four</i>
15:30-16:30	David Gabai (Princeton)	<i>The Two Eyes Lemma</i>
17:30	Dinner	

Tuesday

09:30-10:30	Michel Boileau (Aix Marseille)	<i>Finite covers of 3-manifolds and Thurston norm</i>
11:00-12:00	Gareth Wilkes (Oxford)	<i>Profinite rigidity of graph manifolds</i>
12:00-14:00	Lunch	
14:00-15:00	David Futer (Temple)	<i>Ubiquitous quasifuchsian surfaces in cusped hyperbolic 3-manifolds</i>
15:30-16:30	Steven Kerckhoff (Stanford)	<i>Geometric transitions: from rigidity to flexibility</i>

Wednesday

09:30-10:30	Joshua Greene (Boston)	<i>Fibered simple knots</i>
11:00-12:00	Mehdi Yazdi (Oxford)	<i>On Thurston's Euler class one conjecture</i>
12:00	Free Afternoon	

Thursday

09:30-10:30	Henry Wilton (Cambridge)	<i>Surface subgroups of graphs of free groups</i>
11:00-12:00	Autumn Kent (UWM)	<i>On word hyperbolic surface bundles</i>
12:00-14:00	Lunch	
14:00-15:00	Saul Schleimer (Warwick)	<i>From veering triangulations to pseudo-Anosov flows</i>
15:30-16:30	Juan Souto (Rennes)	<i>TBC</i>

Friday

09:30-10:30	Stefan Friedl (Regensburg)	<i>Linking forms and Blanchfield forms of 3-manifolds</i>
11:00-12:00	Yi Liu (BICMR)	<i>Representation volume and higher dimensional geometries</i>
12:00-14:00	Lunch	
14:00-15:00	Jeffrey Brock (Brown)	<i>Renormalized volume of hyperbolic 3-manifolds and the Weil-Petersson geometry of moduli space</i>