

**Low dimensional topology, knots, and orderable groups**  
**CIRM, July 1-5, 2013**

**Program**

**Monday 1st**

Hour	Place	
9h15-9h30	Auditorium	Welcome
9h30-10h30	Auditorium	<b>Dylan Thurston</b>
10h30-11h00		<i>Coffee break</i>
11h0-12h00	Auditorium	<b>Josh Greene</b>
12h00-16h30		<i>Lunch break</i>
16h30-17h30	Auditorium	<b>Stephen Bigelow</b>
17h30-18h00		<i>Coffee break</i>
18h00-18h30	Auditorium Annexe	<b>Allison Moore</b> Title: Knot Heegaard Floer homology and some essential surfaces <b>Roger Fenn</b> Title: Generalised braids and their relation to knot theory
18h45-19h15	Auditorium Annexe	<b>Benjamin Audoux</b> Title: An application of Khovanaov homology to quantum codes <b>Sandrine Caruso</b> Title: On the genericity of pseudo-Anosov braids

**Tuesday 2nd**

Hour	Place	
9h15-10h15	Auditorium	<b>Bert Wiest</b>
10h15-10h45		<i>Coffee break</i>
10h45-11h15	Auditorium Annexe	<b>Vladimir Shastin</b> Title: Pseudo-characters on braid groups <b>Shelly Harvey</b> Title: Non-commutative Knot Floer homology
11h30-12h00	Auditorium Annexe	<b>Tetsuya Ito</b> Title: Quantum braid group representations and dual Garside structure <b>Adam Levine</b> Title: Splicing knot complements and bordered Floer homology
12h00-16h30		<i>Lunch break</i>
16h30-17h30	Auditorium	<b>Michel Boileau</b>
17h30-18h00		<i>Coffee break</i>
18h00 - 18h30	Auditorium Annexe	<b>Peter Horn</b> Title: Computing Higher-order Alexander Polynomials of Knots <b>Patrick Dehornoy</b> Title: Isolated orderings on an orderable group
18h45 - 19h15	Auditorium Annexe	<b>Jean-Baptiste Meilhan</b> Title: Milnor Invariants and the HOMFLYPT Polynomial <b>Cristobal Rivas</b> Title: Ordering Solvable groups

**Wednesday 3th**

<b>Hour</b>	<b>Place</b>	
9h15-10h15	Auditorium	<b>Dale Rolfsen</b>
10h15-10h45		<i>Coffee break</i>
10h45-11h15	Auditorium Annexe	<b>Anastasiia Tsvietkova</b> Title: Hyperbolic structures from link diagrams <b>Christine Lescop</b> Title: A universal equivariant finite type knot invariant defined from configuration space integrals
11h30-12h00	Auditorium Annexe	<b>Kimihiko Motegi</b> Title: Left-orderable, non-L-space surgeries on knots <b>Sergey Matveev</b> Title: Prime decompositions of global knots and orbifolds

**Thursday 4th**

<b>Hour</b>	<b>Place</b>	
9h15-10h15	Auditorium	<b>Julien Marché</b>
10h15-10h45		<i>Coffee break</i>
10h45-11h15	Auditorium Annexe	<b>Donna Kubik</b> Title: The shape and topology of the universe <b>Eamonn Tweedy</b> Title: Positivity of links
11h30-12h00	Auditorium Annexe	<b>Mario Eudave-Munoz</b> Title: A knot bounding Klein bottles and tori with many boundary components <b>Michael Polyak</b> Title: Dimer, clusters and knot invariants
12h00-16h30		<i>Lunch break</i>
16h30-17h30	Auditorium	<b>Luisa Paoluzzi</b>
17h30-18h00		<i>Coffee break</i>
18h00 - 18h30	Auditorium Annexe	<b>Tim Cochran</b> Title: Counterexamples to Kauffman's conjectures on slice knots <b>Ivan Dynnikov</b> Title: An algorithm to count intersections of normal curves and a matrix presentation of mapping class groups
18h45 - 19h15	Auditorium Annexe	<b>Emmanuel Wagner</b> Title: Skein modules of singular links in the three sphere <b>Michael Brandenbursky</b> Title: Bi-invariant metrics on diffeomorphism groups

**Friday 5th**

<b>Hour</b>	<b>Place</b>	
9h15-10h15	Auditorium	<b>Danny Calegari</b>
10h15-10h45		<i>Coffee break</i>
10h45-11h45	Auditorium	<b>Andrés Navas</b>