

<b>Monday</b>		<b>5 February 2024</b>
9:00 - 9:15	Welcome talk	
9:15 - 10:05	Automatic actions <i>Laurent Bartholdi (Abstract)</i> Chair: Etienne Moutot	
10:05 - 10:55	Liftable self-similar groups and scale groups <i>Dmytro Savchuk (Abstract)</i> Chair: Etienne Moutot	
11:10 - 11:30	Quasiisometric embeddings of groups into products of binary trees (A1) <i>Patrick Nairne</i> Chair: Etienne Moutot	
11:10 - 11:30	Recent developments on decision problems for automaton groups and semigroups (A2) <i>Jan Philipp Wächter</i> Chair: Jérémie Chalopin	
11:30 - 11:50	L-infinity cohomology of groups (A1) <i>Vladimir Vankov</i> Chair: Etienne Moutot	
11:30 - 11:50	Recognisably context-free subsets of groups. (A2) <i>Alex Levine</i> Chair: Jérémie Chalopin	
11:50 - 12:10	EDTOL presentations of groups (A1) <i>Leon Pernak</i> Chair: Etienne Moutot	
11:50 - 12:10	Kaplansky's Zero Divisor Conjecture for 3-manifold groups (A2) <i>Samuel Fisher</i> Chair: Jérémie Chalopin	
12:10 - 12:30	A weak Tits alternative for uniform lattices in isometry groups of buildings (A1) <i>Chris Karpinski</i> Chair: Etienne Moutot	
12:10 - 12:30	Trace monoids and RAAGs in one-relator groups (A2) <i>Motiejus Valiunas</i> Chair: Jérémie Chalopin	
12:30 - 14:00	lunch	
14:30 - 15:20	Solving equations in a free monoid: a modern perspective <i>Joel Day (Abstract)</i> Chair: Pascal Weil	
15:20 - 16:10	Group equations, constraints and decidability <i>Laura Ciobanu (Abstract)</i> Chair: Pascal Weil	
17:00 - 17:50	The model theory of the curve graph <i>Valentina Disarlo (Abstract)</i> Chair: Pascal Weil	
17:50 - 18:10	Rational growth in virtually abelian groups (A1) <i>Alex Evetts</i> Chair: Pascal Weil	
18:10 - 18:30	Quasi-isometry classification of graph 2-braid groups (A1) <i>Byunghee An</i> Chair: Pascal Weil	
19:30 - 20:30	dinner	
<b>Tuesday</b>		<b>6 February 2024</b>
9:00 - 9:50	Tree of graph boundaries of hyperbolic groups <i>Nima Hoda (Abstract)</i> Chair: Anthony Genevois	
9:50 - 10:40	Conformal dimension for certain Bowditch boundaries <i>Emily Stark (Abstract)</i> Chair: Anthony Genevois	
11:10 - 11:30	Periodic approximation of substitution subshifts (A1) <i>Lior Tenenbaum</i>	

	<i>Chair: Anthony Genevois</i>
11:10 - 11:30	The word and conjugacy problem in general Baumslag groups (A2) <i>Caroline Mattes</i> <i>Chair: Nathalie Aubrun</i>
11:30 - 11:50	The quadratic Diophantine problem in Baumslag-Solitar groups (A1) <i>Richard Mandel</i> <i>Chair: Anthony Genevois</i>
11:30 - 11:50	Multidimensional substitutions: Large normalizer of odometers and realization on Toeplitz subshifts (A2) <i>Christopher Cabezas</i> <i>Chair: Nathalie Aubrun</i>
11:50 - 12:10	Linear time algorithm for the conjugacy problem in the Grigorchuk group Gamma (A1) <i>Alexander Ushakov</i> <i>Chair: Anthony Genevois</i>
11:50 - 12:10	Membership problems in nilpotent groups (A2) <i>Corentin Bodart</i> <i>Chair: Nathalie Aubrun</i>
12:10 - 12:30	A generalization of cellular automata over groups (A1) <i>Alonso Castillo-ramirez</i> <i>Chair: Anthony Genevois</i>
12:10 - 12:30	Twisted conjugacy growth in virtually abelian groups (A2) <i>Maarten Lathouwers</i> <i>Chair: Nathalie Aubrun</i>
12:30 - 14:00	lunch
14:30 - 15:20	Coxeter groups are biautomatic <i>Piotr Przytycki (Abstract)</i> <i>Chair: Victor Chepoi</i>
15:20 - 16:10	Complexes of Oriented Matroids <i>Kolja Knauer (Abstract)</i> <i>Chair: Victor Chepoi</i>
17:00 - 19:30	Poster session + social event
19:30 - 20:30	dinner
<b>Wednesday</b>	<b>7 February 2024</b>
9:00 - 9:50	One-ended halfspaces in group splittings <i>Sam Shepherd (Abstract)</i> <i>Chair: Piotr Przytycki</i>
9:50 - 10:40	Dyer groups: Coxeter groups, right-angled Artin groups and more <i>Mireille Soergel (Abstract)</i> <i>Chair: Piotr Przytycki</i>
11:10 - 11:30	Lamplighter-like geometry of groups (A1) <i>Anthony Genevois</i> <i>Chair: Piotr Przytycki</i>
11:10 - 11:30	Invariant measures for Toeplitz subshifts on non-amenable residually finite groups (A2) <i>Jaime Gomez</i> <i>Chair: Chloe Perin</i>
11:30 - 11:50	From strong contraction to hyperbolicity (A1) <i>Stefanie Zbinden</i> <i>Chair: Piotr Przytycki</i>
11:30 - 11:50	Sofic entropy and fractal dimensions on free monoid actions (A2) <i>Jorge Fariña-asategui</i> <i>Chair: Chloe Perin</i>
11:50 - 12:10	Subgroups of locally quasiconvex relatively hyperbolic groups (A1) <i>Richard Weidmann</i> <i>Chair: Piotr Przytycki</i>
12:10 - 12:30	Cone types of hyperbolic triangle groups and their application to random walks (A1) <i>Megan Howarth</i> <i>Chair: Piotr Przytycki</i>
12:30 - 14:00	lunch
19:30 - 20:30	dinner
<b>Thursday</b>	<b>8 February 2024</b>

9:00 - 9:50	On the congruence subgroup problem for certain self-similar groups <i>Alejandra Garrido (Abstract)</i> Chair: Markus Lohrey
9:50 - 10:40	The word and co-word problems, as formal languages <i>Sarah Rees (Abstract)</i> Chair: Markus Lohrey
11:10 - 11:30	Cogrowth in Nilpotent Groups and Undecidability (A1) <i>David Soukup</i> Chair: Markus Lohrey
11:10 - 11:30	Random Groups are not n-Cubulated (A2) <i>Zachary Munro</i> Chair: Nima Hoda
11:30 - 11:50	Divergence of wreath products and Houghton groups (A1) <i>Letizia Issini</i> Chair: Markus Lohrey
11:30 - 11:50	Hereditarily just-infinite groups with positive first $L^2$ -Betti number (A2) <i>Steffen Kionke</i> Chair: Nima Hoda
11:50 - 12:10	Twisted conjugacy in dihedral Artin groups (A1) <i>Gemma Crowe</i> Chair: Markus Lohrey
11:50 - 12:10	A new kind of polynomials for finite groups (A2) <i>Chimere Stanley Anabanti</i> Chair: Nima Hoda
12:10 - 12:30	On the conjugacy depth Function for Grigorchuk's group (A1) <i>Alex Bishop</i> Chair: Markus Lohrey
12:30 - 14:00	lunch
14:30 - 15:20	When is a Cayley graph geodesic? <i>Murray Elder (Abstract)</i> Chair: Laura Ciobanu
15:20 - 16:10	Algorithmic problems for (subgroups of) right-angled Artin groups <i>Montserrat Casals-ruiz (Abstract)</i> Chair: Laura Ciobanu
16:10 - 16:30	Group photo
17:00 - 17:50	First-order model theory, surjunctive groups, and Kaplansky's stable finiteness conjecture <i>Tullio Ceccherini-silberstein (Abstract)</i> Chair: Laura Ciobanu
17:50 - 18:40	Domino snake problems on groups <i>Nathalie Aubrun (Abstract)</i> Chair: Laura Ciobanu
19:30 - 20:30	"gala" dinner
<b>Friday</b>	<b>9 February 2024</b>
9:00 - 9:50	The coherence of one-relator groups <i>Marco Linton (Abstract)</i> Chair: Laurent Bartholdi
9:50 - 10:40	Self-simulable groups <i>Ville Salo (Abstract)</i> Chair: Laurent Bartholdi
11:10 - 11:30	Quasi-isometric rigidity of Artin groups (A1) <i>Nicolas Vaskou</i> Chair: Laurent Bartholdi
11:30 - 11:50	Thompson-like groups acting on fractals (A1) <i>Matteo Tarocchi</i> Chair: Laurent Bartholdi
11:50 - 12:10	Stable commutator length, surfaces, and rationality (A1) <i>Alexis Marchand</i> Chair: Laurent Bartholdi
12:30 - 14:00	lunch