

# Group Theory

Cabo Frio, Rio de Janeiro, July 23 - 27, 2018

Hotel La Plage

Hour	Monday, 23	Tuesday, 24	Wednesday, 25	Thursday, 26	Friday, 27
09:00 - 09:30	Registration				
09:30 - 10:30	<b>Benjamin Klopsch</b> (Heinrich-Heine-Universität Düsseldorf) <i>Zeta functions associated to admissible representations of compact <math>p</math>-adic Lie groups</i>	<b>Alexander Lubotzky</b> (Hebrew University of Jerusalem) <i>Groups' approximation, stability and high dimensional expanders</i>	<b>Alan Reid</b> (Rice University) <i>Cofinal towers of high rank lattices containing a fixed genus surface group</i>	<b>Olga Kharlampovich</b> (The City University of New York) <i>What does a group algebra of a free group "know" about the group?</i>	<b>Andrei Jaikin-Zapirain</b> (Universidad Autónoma de Madrid) <i>The sofic Lueck approximation over fields of zero characteristic</i>
10:30 - 11:00	Coffee break				
11:00 - 12:00	<b>Dessislava Kochloukova</b> (Universidade Estadual de Campinas) <i>Homological and homotopical properties of fibre products</i>	<b>Cornelia Drutu</b> (University of Oxford) <i>Superexpanders and warped cones</i>	<b>Pavel Zalesskii</b> (Universidade de Brasília) <i>Virtual retraction and Howson's properties in pro-<math>p</math> groups</i>	<b>Martin Kassabov</b> (Cornell University) <i>Towards finite presentability of Torelli groups</i>	<b>Mahan Mj</b> (Tata Institute) <i>Cubulating surface-by-free groups</i>
12:00 - 14:00	Lunch		<b>Free afternoon</b>	Lunch	
14:00 - 14:20				<b>Marta Morigi</b> (Università di Bologna) <i>Conciseness of words in residually finite groups</i>	
14:30 - 14:50				<b>Rachel Skipper</b> (SUNY-BNG) <i>On the Cantor-Bendixson rank of the Grigorchuk group and the Gupta-Sidki 3-group</i>	
15:00 - 15:30				Coffee break	
15:30 - 15:50				<b>Cayo Dória</b> (IMPA) <i>Growth of systoles along coverings</i>	
16:00 - 16:20				<b>Gisele Teixeira Paula</b> (IMPA) <i>Height bounds for Bianchi groups</i>	
16:30 - 16:50				<b>Claudio Llosa Isenrich</b> (Univ. Paris-Sud) <i>On Dehn functions of Kähler groups</i>	
17:00 - 17:30	Coffee break		Coffee break		
17:30 - 18:30	<b>Plinio G. P. Murillo</b> (University of Bern) <i>Systole of congruence coverings of arithmetic hyperbolic manifolds</i>	<b>Arman Darbinyan</b> (Vanderbilt University) <i>The word and conjugacy problems in lacunary hyperbolic groups</i>	<b>Slobodan Tanusevski</b> (UFF) <i>On a question of Bergman about retracts of free groups</i>		
19:00 - 21:00	Dinner	Dinner	CONFERENCE DINNER	Dinner	Dinner