

Model Theory of Groups  
(Interaction between Model Theory and Geometric Group Theory)  
CIRM, Luminy, November 21-25, 2011

## Program

### Monday

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09:00-10:00	Introductory course ( <b>Frank Wagner</b> )
10:00-10:30	☕ <b>Coffee break</b> ☕
10:30-11:25	Introductory course ( <b>Gilbert Levitt</b> )
11:30-12:25	Introductory course ( <b>Chloé Perin</b> )
12:30-14:00	<b>Lunch</b>
15:00-16:00	<b>Gilbert Levitt</b> JSJ decompositions of CSA groups
16:00-16:30	☕ <b>Coffee break</b> ☕
16:30-17:30	Introductory course ( <b>Richard Weidmann</b> )
17:30-18:00	☕ <b>Coffee break</b> ☕
18:00-19:00	Introductory course ( <b>A. Pillay</b> )
19:30-	<b>Dinner</b>

### Tuesday

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09:00-09:55	<b>Zlil Sela</b> The elementary theory of free products of groups
10:00-10:15	☕ <b>Coffee break</b> ☕
10:15-11:10	<b>Chloé Perin</b> Independence in the free group and JSJ decompositions
11:25-12:20	<b>Rizos Sklinos</b> Some Model Theory of the Free Group
12:30-14:00	<b>Lunch</b>
15:00-16:00	Introductory course ( <b>Zlil Sela</b> )
16:05-17:00	<b>Abderezak Ould Houcine</b> Combination for equationally noetherian groups
17:00-17:20	☕ <b>Coffee break</b> ☕
17:20-18:15	<b>Ilya Kazachkov</b> Group actions on real cubings

<b>18:20-18:50</b>	<b>Nicolas Touikan</b> Limit groups are not conjugately residually free, but towers are (Joint work with Lars Louder)
<b>18:55-19:25</b>	<b>Alessandro Sisto</b> Asymptotic cones via nonstandard analysis
<b>19:30-</b>	<b>Dinner</b>

### Wednesday

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<b>09:00-09:55</b>	<b>Alain Valette</b> Quasi-isometric embeddings of groups into Hilbert spaces
<b>10:00-10:15</b>	☕ <b>Coffee break</b> ☕
<b>10:15-11:10</b>	<b>Isaac Goldbring</b> Ends of groups from a nonstandard perspective
<b>11:25-12:20</b>	<b>Simon Thomas</b> A Descriptive View of Geometric Group Theory
<b>12:30-14:00</b>	<b>Lunch</b>
<b>14:10-19:30</b>	<b>Free afternoon</b>
<b>19:30-</b>	<b>Dinner</b>

### Thursday

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<b>09:00-09:55</b>	<b>Henry Wilton</b> Recognising geometric 3-manifold groups
<b>10:00-10:15</b>	☕ <b>Coffee break</b> ☕
<b>10:15-11:10</b>	<b>Anand Pillay</b> Topological dynamics and connected components
<b>11:25-12:20</b>	<b>Denis Osin</b> Asymptotic cones of finitely generated groups
<b>12:30-14:00</b>	<b>Lunch</b>
<b>15:00-15:45</b>	☕ <b>Coffee break</b> ☕
<b>15:45-16:40</b>	<b>Tuna Altinel</b> Definable subgroups of Mc-groups
<b>16:55-17:50</b>	<b>François Dahmani</b> Characterization by Dehn fillings, and application to the isomorphism problem of relatively hyperbolic groups (Joint work with V. Guirardel)
<b>17:50-18:10</b>	☕ <b>Coffee break</b> ☕
<b>18:10-18:40</b>	<b>Montserrat Casals-Ruiz</b> Elementary theory of partially commutative nilpotent $R$ -groups
<b>18:45-19:15</b>	<b>Clément Lasserre</b> Examples of quasi-finitely axiomatizable groups
<b>19:30-</b>	<b>Dinner</b>

## Friday

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<b>09:00-09:55</b>	<b>Lars Louder</b> Simple loop conjecture for limit groups
<b>10:00-10:15</b>	☕ <b>Coffee break</b> ☕
<b>10:15-11:10</b>	<b>John Wilson</b> Linear representations of groups of finite Morley rank
<b>11:25-12:20</b>	<b>Olivier Frécon</b> Jordan decomposition and structure of small simple subgroups of finite Morley rank
<b>12:30-14:00</b>	<b>Lunch</b>
<b>14:45-15:15</b>	☕ <b>Coffee break</b> ☕
<b>15:15-15:45</b>	<b>Ayse Berkman</b> Groups with a Pseudoreflexion Subgroup
<b>15:50-16:45</b>	<b>Anatole Khelif</b> Cantor-Bernstein properties for abelian groups
<b>16:55-17:50</b>	<b>Dugald Macpherson</b> Some model theory of finite groups
<b>19:30-</b>	<b>Dinner</b>