

13<sup>th</sup> International Workshop in Set Theory,

September 29 - October 3 2014  
CIRM, Luminy, Marseille

Organizers: A. Louveau, M. Magidor and B. Velickovic

SCIENTIFIC PROGRAM:

MONDAY, September 29 2014

MORNING

9:20 – 9:50 H. MILDENBERGER (Freiburg University, Germany)  
**Arranging cofinalities**

10:00-10:30 J. MELLERAY (Universite de Lyon 1, France)  
**How to recognize an isometry**

10:30 – 11:00 Coffee break

11:00 – 12:15 A. MARKS (Caltech, Pasadena, USA)  
**Descriptive graph combinatorics, Minicourse Lecture 1**

AFTERNOON

16:00-16:30 M. ZEMAN. (University of California, Irvine, USA)  
**Some consistency results concerning the non-stationary ideal**

16:40-17:30 G. SARGSYAN (Rutgers University, New Brunswick, USA)  
**The core model induction beyond non-tame mice**

17:30-18:00 Coffee break

18:00-18:30 J. BRENDLE (Kobe University, Japan)  
**Complete embeddability between  $\mathbf{P}(\omega)/\mathbf{FIN}$  and its relatives**

18:40-19:10 D. LECOMTE (Université de Pierre et Marie Curie, Paris)  
**Acyclicity and reduction**

TUESDAY, September 30 2014

MORNING

9:00 – 9:50 I. NEEMAN (UCLA, Los Angeles, USA)

**TBA**

10:00 – 10:30 J. ZAPLETAL (University of Florida, Gainesville, USA)

**Why Y-c.c.**

10:30 – 11:00 Coffee break

11:00 – 12:15 A. MARKS (Caltech, Pasadena, USA)

**Descriptive graph combinatorics, Minicourse Lecture 2**

AFTERNOON

16:00-16:30 L. FONTANELLA (Hebrew University, Jerusalem, Israel)

**TBA**

16:40-17:30 M. FOREMAN (University of California, Irvine, USA)

**A symbolic representation of Anosov-Katok diffeomorphisms**

17:30-17:50 Coffee break

17:50-18:20 D. SINAPOVA (University of Illinois, Chicago, USA)

**Prikry type forcing and Weak Square**

18:30-19:10 M. DZAMONJA (University of East Anglia, Norwich, UK)

**The work of Mary Ellen Rudin in Set Theoretic Topology**

WEDNESDAY, October 1 2014

MORNING

9:00-9:30 A. BLASS (University of Michigan, Ann Arbor, USA)  
**Ultrafilters, partitions, and forcing**

9:40-10:30 J. MOORE (Cornell University, Ithaca, NY, USA)  
**A new finitely presented nonamenable group not containing  $F_2$**

10:30-11:00 Coffee break

10:10-11:50 C. ROSENDAL (University of Illinois, Chicago, USA)  
**The intrinsic geometry of topological groups**

12:00 – 12:30 J. CUMMINGS (Carnegie Mellon University, Pittsburgh, USA)  
**The Mitchell forcing: themes and variations**

AFTERNOON – Excursion to Marseille and visit to MuCEM, 1 Esplanade J4, 13002 Marseille

22:00-22:00 - Dinner in restaurant FEMINA, 1 Rue du Musée, 13001 Marseille, tel. 04 91 54 03 56

THURSDAY, October 2 2014

MORNING

9:00-9:50 M. VIALE (University of Torino, Italy)

**Generic absoluteness and full absoluteness for the theory of  $H_{\omega_2}$**

10:00-10:30 J. BAGARIA (ICREA, Barcelona, Spain)

**On  $\alpha$ -stationary sets**

10:30 – 11.00 Coffee breaks

11:00-12:15 A. MARKS (Caltech, Pasadena, USA)

**Descriptive graph combinatorics, Minicourse Lecture 3**

AFTERNOON

16:00-16:50 S. SOLECKI (University of Illinois, Urbana, USA)

**Algebra and dynamics behind Galvin--Glazer--type results**

17:00-17:30 . TSANKOV (University of Paris Diderot, Paris, France)

**A Lopez-Escobar theorem for continuous logic**

17:30-17:50 Coffee Break

17:50-18:20 A. KWIATKOWSKA (UCLA, Los Angeles, USA)

**Uniqueness of an invariant probability measure concentrated on an orbit**

18:30-19:20 D. ASPERO (University of East Anglia, Norwich, UK)

**Adding many Baumgartner clubs, with applications**

FRIDAY, October 3 2014

MORNING

9:00-9:50 J. D. HAMKINS (City University of New York, New York, USA)  
**Large cardinals need not be large in HOD**

10:00-10:30 M. SABOK (McGill University, Montreal, Canada)  
TBA

10:30-11:00 Coffee break

11:00-11:50 C. DIPRISCO (IVIC, Caracas, Venezuela)  
**Partition properties and transversal**

12:00-12:30 S. JACKSON (University of North Texas, Denton, USA)  
**A Kechris-Martin theorem for cub sets**