

14th International Workshop in Set Theory

October 9 - 13 2017
CIRM, Luminy, Marseille

Organizers: M. Dzamonja, M. Magidor, B. Velickovic, H. Woodin

SCIENTIFIC PROGRAM:

MONDAY, October 9 2017

MORNING

9:20 - 9:50 A. APTER (CUNY, Baruch College and the Graduate Center, NY, USA)
Tall, strong, and strongly compact cardinals

10:00-10:30 V. FISCHER (Kurt Gödel Research Center, University of Vienna)
Bounding, splitting and almost disjointness can be quite different

10:30 - 11:00 Coffee break

11:00 - 11:50 R. SCHINDLER (Muenster University, Germany)
Varsovian models with more Woodin cardinals

12:00 - 12:30 P. WELCH (University of Bristol, UK)
Characterizing the Hartig quantifier model

AFTERNOON

16:00 - 16:30 M. ZEMAN. (University of California, Irvine, USA)
An iteration strategy for the model \aleph_1^c .

16:40 - 17:10 H. SAKAI (Kobe University, Japan)
On models generated by uncountable indiscernible sequences

17:10 - 17:40 Coffee break

17:40 - 18:30 J. BRENDLE (Kobe University, Japan)
Rearrangements and subseries

18:40 - 19:10 D. LECOMTE (Université de Pierre et Marie Curie, Paris)
Borel complexity of equivalence relations

TUESDAY, October 10 2017

MORNING

9:00 - 9:50 J. D. HAMKINS (City University of New York, USA)

The hierarchy of second-order set theories between GBC and KM and beyond

10:00 - 10:30 J. KRUEGER (University of North Texas, Denton, TX, USA)

Club isomorphisms on higher Aronszajn trees

10:30 - 11:10 Coffee break

11:10 - 12:00 L. FONTANELLA (Université d'Aix-Marseille, France)

From forcing models to realizability models

AFTERNOON

16:00 - 16:50 A. RINOT (Bar-Ilan University, Israel)

Distributive Aronszajn trees

16:50 - 17:20 Coffee break

17:20 - 17:50 M. FOREMAN (UC Irvine, CA, USA)

An independence result involving diffeomorphisms of the torus

18:00 - 18:30 L. ZDOMSKYY (TU Wien, Austria)

Vitali-Hahn-Saks property of Boolean algebras in forcing extensions

18:40 - 19:10 T. TSANKOV (IMJ-PRG, University of Paris Diderot, Paris, France)

Universal minimal flows relative to a URS

WEDNESDAY, October 11 2017

MORNING

9:00 - 9:30 J. MOORE (Cornell University, Ithaca, NY, USA)

On non sigma-scattered linear orders

9:40 - 10:30 L. MOTTO ROS (University of Torino, Italy)

Generalized descriptive set theory and classification

10:30 - 11:00 Coffee break

11:00 - 11:50 P. KOSZMIDER (IMPAN, Warsaw, Poland)

Noncommutative thin-tall algebras

12:00 - 12:30 D. SOUKUP ((KGRC, University of Vienna, Austria)

Monochromatic sumsets for colorings of \mathbb{R}

AFTERNOON – **Excursion to Marseille and dinner at the restaurant Les Arcenaulx**

THURSDAY, October 12 2017

MORNING

9:00 - 9:50 D. SINAPOVA (Univ. of Illinois, Chicago, IL, USA)
Prikry type forcing and combinatorial principles

10:00 - 10:30 O. BEN NERIA (UC Los Angeles, CA, USA)
Singular stationarity

10:30 - 11.10 Coffee break

11:10 - 12:00 S. GAO (University of North Texas, Denton, TX, USA)
Non-Archimedean Abelian Polish Groups and Their Actions

AFTERNOON

16:00 - 16:50 N. DOBRINEN (University of Denver, CO, USA)
The universal homogeneous triangle-free graph has finite big Ramsey degrees

17:00 - 17:30 S. THOMAS (Rutgers University, New Brunswick, USA)
The isomorphism and bi-embeddability relation for countable torsion abelian groups

17:30 - 17:50 Coffee Break

17:50 – 18:40 M. VIALE (University of Torino, Italy)
An overview on category forcing

18:50-19:20 P. SCHLICHT (Univ. Bonn, Germany)
The Hurewicz dichotomy for definable subsets of generalized Baire spaces

FRIDAY, October 13 2017

MORNING

9:00 - 9:30 A. VIGNATI (IMJ-PRG, University of Paris Diderot, Paris, France)

Set theory and C*-algebras: automorphisms of continuous quotients

9:40 - 10:30 S. UNGER (Tel Aviv University, Israel)

Successives failures of approachability

10:30 - 11:00 Coffee break

11:10 - 12:00 H. MILDENBERGER (Albert Ludwigs Univ. Freiburg, Germany)

Local Ramsey Spaces in Matet Forcing Extensions

12:00 - 12:30 I. NEEMAN (UC, Los Angeles, USA)

Embedding theorem and regularity properties under AD^{+}