

11th International Workshop in Set Theory,

October 4-8, 2010
CIRM, Luminy, Marseille

Organisers: B. Velickovic et A. Louveau

SCIENTIFIC PROGRAM:

MONDAY, October 4 2010

MORNING

9:20 – 9:50 S. GESCHKE (University of Bonn, Germany)
2-dimensional convexity revisited

10:00-10:30 P. KOSZMIDER (Technical University of Lodz and Polish Academy of Sciences)
Indecomposable Banach spaces of large densities

10:30 – 11:00 Coffee break

11:00 – 12:15 B. MILLER (University of Muenster, Germany)
Graph-theoretic dichotomies in descriptive set theory, minicourse lecture I

AFTERNOON

16:00 – 16:50 J. MOORE (Cornell University, Ithaca, USA)
No Π_2 maximal theory with CH

17:00-17:30 A. BLASS (University of Michigan, Ann Arbor, USA)
Forcing with ultrafilters and forcing ultrafilters

17:30-18:00 Coffee break

18:00-18:50 S. FRIEDMAN (University of Vienna, Austria)
Shelah classification and higher descriptive set theory

19:00-19:30 H. MILDENBERGER (University of Freiburg, Germany)
The minimal cofinality of an ultrafilter can be larger than the successor of the bounding number

TUESDAY, October 5 2010

MORNING

9:00 – 9:50 M. DZAMONJA (University of East Anglia, Norwich, UK)
SUSIFA- a forcing axiom at the successor of a singular cardinal

10:00 – 10:30 K. THOMPSON (University of Vienna, Austria)
Generalisations of scattered orders

10:30 – 11:00 Coffee break

11:00 – 12:15 B. MILLER (University of Muenster, Germany)
Graph-theoretic dichotomies in descriptive set theory, mini course lecture II

AFTERNOON

16:00-16:30 J. CUMMINGS (Carnegie Mellon University, Pittsburg, USA)
The tree property revisited

16:40-17:10 D. LECOMTE (Université de Pierre et Marie Curie, Paris)
Potential Wadge classes

17:10-17:30 Coffee break

17:30-18:20 M. FOREMAN (University of California, Irvine, USA)
An anti-classification theorem for measure preserving diffeomorphisms of the torus

18:30-19:20 S. SOLECKI (University of Illinois, Urbana, USA)
Tukey reductions and the structure of the classes of \mathcal{P} -ideals and σ -ideals

WEDNESDAY, October 6 2010

MORNING

9:15-10:30 B. MILLER (University of Muenster, Germany)

Graph-theoretic dichotomies in descriptive set theory, mini course lecture III

10:30-11:00 Coffee break

11:00-12:15 H. WOODIN (University of California, Berkeley, USA)

Long extenders, iteration hypotheses, and ultimate L, minicourse lecture I

AFTERNOON – **Excursion to Cassis and dinner in Marseille**

THURSDAY, October 7 2010

MORNING

9:00-9:30 M. ZEMAN (University of California, Irvine, USA)
Covering arguments for the core model at small cardinals

9:40-10:10 S. GAO (University of North Texas, Denton, USA)
Extensions of partial colourings on countable groups

10:10 – 10.40 Coffee breaks

10:40-11:10

11:15-12:30 H. WOODIN (University of California, Berkeley, USA)
Long extenders, iteration hypotheses, and ultimate L, minicourse lecture II

AFTERNOON

16:00-16:30 M. VIALE (University of Torino, Italy)
Accessible versions of strongly compact and supercompact cardinals

16:40-17:10 C. ROSENDAL (University of Illinois, Chicaco, USA)
Finitely approximable groups and actions

17:10-17:40 Coffee break

17:40-18:10 A. TORNQUIST (University of Vienna, Austria)
Conjugacy, orbit equivalence and von Neumann equivalence of actions of free non-amenable groups

18:20-18:50 A. RINOT (Ben Gurion University, Beer Sheva, Israel)
A unified approach to higher Souslin trees constructions

19:00-19:30 A. CAICEDO (Boise State University, USA)
 \aleph_1 -dichotomies for infinity-Borel sets

FRIDAY, October 8 2010

MORNING

9:00-9:30 J. BRENDLE (Kobe University, Japan)

Combinatorics of F_σ quotients

9:40-10:10 G. SARGSYAN (UCLA, Los Angeles, USA)

On the strength of square

10:10-10:40 I. NEEMAN (UCLA, Los Angeles, USA)

Countable linear orders in reverse mathematics

10:40-11:15 Coffee break

11:15 -12:30 H. WOODIN (University of California, Berkeley, USA)

Long extenders, iteration hypotheses, and ultimate L, minicourse lecture III