

Workshop on von Neumann Algebras and Ergodic Theory

Participants

include:

Miklos Abert,
Goulmira Arjantseva,
Uri Bader,
Yves Cornuier,
Ed Effros,
Talia Fernos,
David Fisher,
Alex Furman,
Damien Gaboriau,
Greg Hjorth,
Cyril Houdayer,
Adrian Ioana,
Alekos Kechris,
Yoshikata Kida,
Ben Miller,
Nicolas Monod,
Jesse Peterson,
Mikael Pichot,
Sorin Popa,
Romain Tessera,
Roman Sasyk,
Dima Shlyakhtenko,
Terry Tao,
Simon Thomas,
Todor Tsankov,
Yoshimichi Ueda,
Stefaan Vaes,
Laszlo Zsidó.

UCLA March 17-19, 2007

Organizers: E. Effros, S. Popa, N. Ozawa, D. Shlyakhtenko.

Workshop Schedule (in MS6627):

Saturday March 17

9:00-9:40 Popa
10:10-10:50 Monod
11:20-12:00 Pichot
Lunch break
2:00-2:40 Hjorth
3:10-3:50 Kida
4:20-5:00

Monday March 19

9:00-9:40: Thomas
10:10-10:50 Peterson
11:20-12:00 Fisher
Lunch break

Sunday March 18

9:00-9:40 Shlyakhtenko
10:10-10:50 Ozawa
11:20-12:00 Tsankov
Lunch break
2:00-2:40 Bader
3:10-3:50 Furman
4:20-5:00 Ioana

Monday March 19 afternoon

2:00-2:40 Vaes
3:10-3:50 Abert
4:20-5:00 Tao

Talk Titles.

Abert: Profinite actions from an ergodic point of view

Bader: Superrigidity via Weyl groups 1

Fisher: Strengthening property (T)

Furman: Superrigidity via Weyl groups 2

Hjorth: Classification by countable structures

Ioana: Superrigidity for profinite actions of Kazhdan groups

Kida: Measurable rigidity of mapping class groups

Miller: Coordinatewise decomposition and dichotomy theorems in descriptive set theory

Monod: Superrigidity and cat_0 spaces

Ozawa: Boundary double amenability

Peterson: L^2 -rigidity in von Neumann algebras

Pichot:

Popa: Rigidity from spectral gap and malleability

Shlyakhtenko: Free entropy dimension

Tao: A quantitative nilpotent Ratner theorem, and the distribution of the primes

Thomas: Some open problems on countable Borel equivalence relations

Tsankov: Modular Actions and Amenable Representations

Vaes: Popa's rigidity theorems and II_1 factors without non-trivial finite index