

# EMERGING APPLICATIONS OF MEASURE RIGIDITY

## Workshop Schedule

Sunday, June 13, 2004

10:30 am - 10:45 am: Introduction and Announcements

10:45 am - 11:40 am: Philippe Michel - Equidistribution problems in number theory

11:45 am - 12:00 pm: Coffee

12:00 pm - 1:00 pm: Manfred Einsiedler - Measure rigidity of abelian group actions - I

1:00 pm - 3:00 pm: Lunch

3:00 pm - 4:00 pm: Jens Marklof - Quantum Chaos - I

4:30 pm - 5:30 pm: Gregory Margulis - On effective proofs

5:30 pm - Informal reception

Monday, June 14, 2004

9:30 am - 10:30 am: Andrei Yafaev - Andre-Oort conjecture - I

10:30 am - 11:00 am: Coffee

11:00 am - 12:00 pm: Manfred Einsiedler - Measure rigidity of abelian group actions - II

12:00 pm - 3:00 pm: Lunch

3:00 pm - 4:00 pm: Dmitry Kleinbock - Non-divergence of unipotent flows:  
generalizations and applications

4:00 pm - 4:30 pm: Coffee

4:30 pm - 6:30 pm: Problem session I (AIM style)

6:30 pm - Informal reception

Tuesday, June 15, 2004

9:30 am - 10:30 am: Danijela Damjanovic - KAM in rigidity - I

10:30 am - 11:00 am: Coffee

11:00 am - 12:00 pm: Elon Lindenstrauss - Quantum Chaos - II

12:00 pm - 3:00 pm: Lunch

3:00 pm - 4:00 pm: Andreas Strombergsson - On the pair correlation of  $n^2 \alpha \bmod 1$ , a

4:00 pm - 4:30 pm: Coffee

4:30 pm - 6:30 pm: Alexander Gorodnik - Equidistribution on Furstenberg boundary

6:30 pm - Workshop banquet

Wednesday, June 16, 2004

9:30 am - 10:30 am: Andrei Yafaev - Andre-Oort conjecture - II

10:30 am - 11:00 am: Coffee

11:00 am - 12:00 pm: Manfred Einsiedler - Measure rigidity of abelian group actions - III

12:00 pm - 2:00 pm: Lunch

2:00 pm - Trip to Russian Ridge

Thursday, June 17, 2004

9:30 am - 10:30 am: Danijela Damjanovic - KAM in rigidity - II  
10:30 am - 11:00 am: Coffee  
11:00 am - 12:00 pm: Akshay Venkatesh - Quantum Chaos - III  
12:00 pm - 3:00 pm: Lunch  
3:00 pm - 4:00 pm: Lior Silberman - Entropy in high rank quantum limits  
4:00 pm - 4:30 pm: Coffee  
4:30 pm - 6:30 pm: Problem session II (Traditional style)  
6:30 pm - Informal reception

Friday, June 18, 2004

9:30 am - 10:30 am: Barak Weiss  
10:30 am - 11:00 am: Coffee  
11:00 am - 12:00 pm: Andrew Pollington - Harmonic analytic methods applied to some questions  
12:00 pm - 2:00 pm: Lunch  
2:00 pm - 3:00 pm: Boris Kalinin - On smooth classification of Cartan-Anosov actions  
3:00 pm - 3:30 pm: Coffee  
3:30 pm - 4:30 pm: Nimish Shah - Equidistribution of expanding translates of a curve in  
4:45 pm - 5:10 pm: Svetlana Katok  
5:15 pm - Gregory Margulis