

SCHEDULE FOR SUMIRFAS 2009

THE INFORMAL REGIONAL FUNCTIONAL ANALYSIS SEMINAR AUGUST 7 - 9, 2009

TEXAS A&M UNIVERSITY, COLLEGE STATION

Talks for SUMIRFAS will also be posted on the Workshop in Analysis and Probability page:

<http://www.math.tamu.edu/research/workshops/linanalysis/>

All talks will be in Blocker 169. The Blocker Building is on Ireland St. just south of University Dr. on the Texas A&M campus:

<http://www.tamu.edu/map/building/overview/BLOC.html>

Coffee and refreshments will be available in Blocker 148.

The usual SUMIRFAS dinner will be on August 8. It will be a BBQ at the home of Jan and Bill Johnson.

Marius Junge, Jesse Peterson, and Gilles Pisier (chair) are organizing a Concentration Week on “Operator Spaces and Approximation Properties of Discrete Groups” for the week of August 3-7. Particular emphasis will be taken to tie together recent results from the theory of von Neumann algebras with operator space ideas. The intention is to provide a background for common points of interest from different perspectives through courses on operator spaces and Dirichlet forms in von Neumann algebras. The intention of this concentration week is to attract attention of younger researchers and students to these new openings.

We expect to be able to cover housing for most participants from support the National Science Foundation has provided for the Workshop. Preference will be given to participants who do not have other sources of support, such as sponsored research grants. When you ask Cara to book your room, please tell them if you are requesting support. Minorities, women, graduate students, and young researchers are especially encouraged to apply.

For logistical support, please contact Cara Barton, cara@math.tamu.edu. For more information on the Workshop itself, please contact William Johnson, johnson@math.tamu.edu, David Larson, larson@math.tamu.edu, Gilles Pisier, pisier@math.tamu.edu, or Joel Zinn, jzinn@math.tamu.edu.

SCHEDULE FOR SUMIRFAS 2009

Friday, August 7, Blocker 169

- 1:30–2:00 Coffee & refreshments, Blocker 148
- 2:00–2:10 Greeting
- 2:10–3:10 Hangfen Li, “Convex analysis and noncommutative Choquet boundary”
- 3:20–3:50 Daniel Freeman, “The universality of ℓ_1 as a dual space”
- 3:50–4:15 Coffee & refreshments, Blocker 148
- 4:15–5:05 Mikhail Ostrovskii, “Unitarizable representations and fixed points of groups of biholomorphic transformations of operator balls”

Saturday, August 8 Blocker 169

- 9:00–9:20 Coffee & refreshments, Blocker 148
- 9:20–10:20 Maria Girardi, “Operator-valued martingale transforms and applications”
- 10:30–11:00 Rachel Ward, “Free discontinuity problems meet compressed sensing”
- 11:10–11:50 Dorin Dutkay, “Fourier series on fractals”
- 12:00–2:00 Lunch
- 2:00–3:00 Sorin Popa, “Group measure space decomposition of factors and W^* -superrigidity”
- 3:10–3:50 Mihai Popa, “On the conditionally free analogue of the S-transform”
- 3:50–4:10 Coffee & refreshments, Blocker 148
- 4:10–5:10 Lewis Bowen, “Orbit equivalence flexibility”
- 6:30– BBQ at Jan & Bill Johnson’s house, 1306 Deacon Dr., College Station, 979.696.2812
Please tell Cara, cara@math.tamu.edu
if you (and spouse or companion, if applicable) will attend.

Sunday, August 9 Blocker 169

- 9:30–10:00 Coffee & refreshments, Blocker 148
- 10:00–11:00 Richard Haydon, “Banach spaces with very few operators”
- 11:10–12:00 Peter Kuchment, “Parseval frames of exponentially decaying Wannier functions”