

# SCHEDULE FOR SUMIRFAS 2007

## THE INFORMAL REGIONAL FUNCTIONAL ANALYSIS SEMINAR AUGUST 10–12, 2007

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 158. 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 155.

The usual SUMIRFAS dinner will be on August 11. It will be a BBQ at the home of Jan and Bill Johnson.

Gideon Schechtman, and Joel Zinn, are organizing a Concentration Week on “Probability Inequalities with Applications to High Dimensional Phenomena” that will take place August 6–August 10. The first day will be devoted to introductory talks designed to introduce non experts to the subject.

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](mailto:cara@math.tamu.edu). For more information on the Workshop itself, please contact William Johnson, [johnson@math.tamu.edu](mailto:johnson@math.tamu.edu), David Larson, [larson@math.tamu.edu](mailto:larson@math.tamu.edu), Gilles Pisier, [pisier@math.tamu.edu](mailto:pisier@math.tamu.edu), or Joel Zinn, [jzinn@math.tamu.edu](mailto:jzinn@math.tamu.edu). For information about the Concentration Week on “Probability Inequalities with Applications to High Dimensional Phenomena”, please contact Joel Zinn, [jzinn@math.tamu.edu](mailto:jzinn@math.tamu.edu).

## SCHEDULE FOR SUMIRFAS 2007

Friday, August 10 Blocker 158

- 1:00–1:25 Coffee & refreshments, Blocker 155
- 1:25–1:30 Greeting
- 1:30–2:20 Gideon Schechtman, “ $\ell_p$  strictly singular operators on  $L_p$ ”
- 2:35–3:25 Artem Zvavitch, “On the local equatorial characterization of zonoids”
- 3:30–4:00 Coffee & refreshments, Blocker 155
- 4:00–4:30 Ted Odell, “Small subspaces of  $L_p$ ”
- 4:45–5:35 Marek Ptak, “Hyperreflexivity of finite-dimensional spaces”

Saturday, August 11 Blocker 158

- 9:00–9:30 Coffee & refreshments, Blocker 155
- 9:30–10:20 Joe Rosenblatt, “Dynamical systems and martingales: the never ending story”
- 10:35–11:05 Paco Garcia, “Superpoligons in Banach spaces”
- 11:20–11:50 Piotr Wojdylo, “Local commutant approach versus Gabor, Wilson, and wavelet tight frames”
- 12:00–1:45 Lunch
- 1:45–2:35 Taka Ozawa, “ $II_1$  factors with at most one Cartan subalgebra”
- 2:50–3:40 Staszek Szarek, “Sets of constant height and applications to quantum information theory”
- 3:45–4:10 Coffee & refreshments, Blocker 155
- 4:10–5:00 Rodrigo Banuelos, “New estimates on the Beurling–Ahlfors operator”
- 5:15–5:45 Nga Nguyen, “Surgery and push-outs on frames”
- 6:45– BBQ at Jan & Bill Johnson’s house, 1306 Deacon Dr., College Station.  
Please tell Cara, [cara@math.tamu.edu](mailto:cara@math.tamu.edu), or Jaime, [jaime@math.tamu.edu](mailto:jaime@math.tamu.edu), if you (and spouse or companion, if applicable) will attend.

Sunday, August 12 Blocker 158

- 9:30–10:00 Coffee & refreshments, Blocker 155
- 10:00–10:50 Yehoram Gordon, “Best random embedding of  $\varepsilon$  nets in convex bodies, and best random  $\varepsilon$  Dvoretzky theorem in the  $N$ -dimensional cube”
- 11:05–11:55 Dmitri Panchenko, “Talagrand’s positivity principle”