

# SCHEDULE FOR SUMIRFAS 2011

## THE INFORMAL REGIONAL FUNCTIONAL ANALYSIS SEMINAR

JULY 29 - 31, 2011

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/conferences/linanalysis/>

All talks will be in Blocker 166. 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 July 30. It will be a BBQ at the home of Jan and Bill Johnson.

Florent Baudier (chair), Bill Johnson, Piotr Nowak, and Bunyamin Sari are organizing a Concentration Week on "Non-Linear Geometry of Banach Spaces, Geometric Group Theory, and Differentiability" for the week of August 1-5. The program will include an introductory course by Mark Sapir on coarse embeddings and their applications to geometric group theory, and a series of lectures by Gilles Godefroy on the recent work of the late Nigel Kalton on the coarse classification of Banach spaces. The home page for this Concentration Week is at <http://www.math.tamu.edu/pnowak/index/cw.html>

We expect to be able to cover housing for most participants from support the National Science Foundation has provided for the Workshop. When you ask Cara to book your room, please tell her 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).

## SCHEDULE FOR SUMIRFAS 2011

Friday, July 29 Blocker 166

- 1:30–1:55 Coffee & refreshments, Blocker 148
- 1:55–2:00 Greeting
- 2:00–3:00 Gregory Berkolaiko, “Nodal count of eigenfunctions and stability of nodal partitions”
- 3:10–3:50 Constanze Liaw, “Dilations and rank one perturbations”
- 3:50–4:15 Coffee & refreshments, Blocker 148
- 4:15–5:15 Mihai Putinar, “Quillen’s phenomenon on pseudoconvex boundaries”

Saturday, July 30 Blocker 166

- 9:00–9:20 Coffee & refreshments, Blocker 148
- 9:50–10:50 Boris Kashin, “ $N$ -term approximations and some corrections theorems”
- 11:00–12:00 Eve Oja, “The weak metric approximation property of Banach spaces”
- 12:00–2:00 Lunch
- 2:00–3:00 Vladimir Temlyakov, “Lebesgue-type inequalities for greedy approximation with respect to redundant systems”
- 3:10–3:50 Jean Roydor, “A non-commutative Amir-Cambern Theorem”
- 3:50–4:10 Coffee & refreshments, Blocker 148
- 4:10–5:10 Gilles Godefroy, “The complexity of the isomorphism relation on the set of subspaces of a given Banach space: is it possible to improve Gowers’ dichotomy?”
- 6:30– BBQ & swimming at Jan & Bill Johnson’s house, 1306 Deacon Dr., College Station, 979.696.2812, 979.450.2812. Please tell Cara, [cara@math.tamu.edu](mailto:cara@math.tamu.edu) if you (and spouse or companion, if applicable) will attend.

Sunday, July 31 Blocker 166

- 9:30–9:50 Coffee & refreshments, Blocker 148
- 9:50–10:50 Ciprian Foias, “‘End of the road’ problems in Operator Theory”
- 11:00–12:00 Bill Helton, “Free semi-definite programming and its limitations”