WABASH
EXTRAMURAL MODERN ANALYSIS
MINICONFERENCE
September 6 and 7, 2008

Program

Times given are Eastern Daylight Time

Talks and Registration will be in Informatics and Communications Technology Complex at IUPUI. The lectures will take place in Room 252 and the contributed talks in Rooms 252/274.

Saturday:

9:00	Registration, Refreshments
9:20–9:30	Welcome to IUPUI
9:30–10:20	*HEATH EMERSON, University of Victoria*
	Equivariant correspondences and applications
	Break
10:30–11:20	*EDWARD G. EFFROS, University of California at Los Angeles*
	Matrix Convexity, Quantum Inequalities, and Non-commutative Differentiation
	Break
11:35–12:00 Room: 252	**Parallel Sessions for contributed papers**
	ALAIN WIGGINS, Vanderbilt University
	A Singular Subfactor That is Not Strongly Singular
11:35–12:00 Room: 274	**Parallel Sessions for contributed papers**
	GABRIEL PRAJITURA, SUNY-Brockport
	Irregular orbits of operators
	Lunch: 12:30 at BISTRO
2:00–2:50	*ANDREW TOMS, York University*
	Dimension(s) for C*-algebras
	Break
3:05–3:55	*JESSE PETERSON, Vanderbilt University*
	Group cocycles and the ring of affiliated operators
	Break

4:10–4:35   **Parallel Sessions for contributed papers**
Room: 252   *PARAMITA DAS, Vanderbilt University*
         Planar algebra of the diagonal subfactor

4:10–4:35   **Parallel Sessions for contributed papers**
Room: 274   *RUHAN ZHAO, SUNY-Brockport*
         Characterizations of Bloch type spaces by divided differences

4:45–5:10   **Parallel Sessions for contributed papers**
Room: 252   *SHAMINDRA KUMAR GHOSH, Vanderbilt University*
         Planar algebra of group-type subfactors

4:45–5:10   **Parallel Sessions for contributed papers**
Room: 274   *IAN NATHANIEL DETERS, Bowling Green State University*
         A Connection Between Spectral Synthesis, Operator Topologies,
Polynomial Interpolation, and Linear Independence of Exponential Series

5:20–5:45   **Session for contributed papers**
Room: 252   *TAO MEI, University of Illinois at Urbana-Champaign*
         Littlewood-Paley inequality for operator- valued function at the end point

5:55–6:20   **Session for contributed papers**
Room: 252   *BOBBY RAMSEY, IUPUI*
         The Isocohomological Property, Higher Dehn Functions,
and Relatively Hyperbolic Groups

Sunday:

8:30   Refreshments
9:00–9:50   *LEONID VAINERMAN, University of Caen*
Twisting and Rieffel's Deformation of Locally Compact Quantum Groups

Break

10:00–10:50   *JONATHAN ROSENBERG, University of Maryland*
Beginnings of a theory of nonlinear noncommutative elliptic partial differential equations

Break

11:00–11:50   *HANFENG LI, SUNY Buffalo*
Turbulence, representations, and trace-preserving actions

12:00–12:25   **Session for contributed papers**
Room: 252   *PIERRE FIMA, University of Illinois at Urbana-Champaign*
         Property T for discrete quantum groups

End of Conference