

WABASH EXTRAMURAL MODERN ANALYSIS MINICONFERENCE

September 8 and 9, 2007

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:

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| 9:00 | Registration, Refreshments |
| 9:20–9:30 | Welcome to IUPUI |
| 9:30–10:20 | <i>DIETMAR BISCH, Vanderbilt University</i>
Bimodules, freeness and a new planar algebra
Break |
| 10:30–11:20 | <i>UFFE HAAGERUP, University of Southern Odense</i>
Classification of hyperfinite factors up to completely bounded isomorphisms of their preduals
Break |
| 11:35–12:00 | Session for contributed papers |
| Room: 252 | <i>TIMUR OIKHBERG, UC Irvine</i>
Products of projections in von Neumann algebras
Lunch |
| 2:00–2:50 | <i>NIGEL HIGSON, Penn State University</i>
The Connes-Kasparov conjecture and the Mackey analogy
Break |
| 3:05–3:55 | <i>MAREK BOZEJKO, University of Wroclaw</i>
Generalized q-CCR and q-CAR relations with applications to operator spaces, von Neumann algebras and noncommutative probability
Break |
| 4:10–4:35 | Session for contributed papers |
| Room: 252 | <i>RAÚL E. CURTO, University of Iowa</i>
Hyponormality and Subnormality for Powers of Commuting Pairs of Subnormal Operators |
| 4:45–5:10 | Session for contributed papers |
| Room: 252 | <i>MIHAI POPA, Indiana University</i>
On non-commutative probability spaces of type B |

- 5:20–5:45 **Parallel Sessions for contributed papers**
 Room: 252 *Gosia Konwerska, University of Illinois at Urbana-Champaign*
 Noncommutative Convergence Theorems
- 5:20–5:45 **Parallel Sessions for contributed papers**
 Room: 274 *TAO MEI, University of Illinois at Urbana-Champaign*
 Tent spaces associated with diffusion semigroups

Sunday:

- 8:30 Refreshments
- 9:00–9:50 *THOMAS SCHLUMPRECHT, TEXAS A&M*
 Coefficient Quantization for Frames in Banach Spaces
- Break
- 10:00–10:50 *WING SUET LI, Georgia Tech*
 Horn conjecture for selfadjoint compact operators and beyond
- Break
- 11:00–11:50 *JERRY KAMINKER, IUPUI*
 K-theory and spectral multiplicity

End of Conference