# WABASH
## EXTRAMURAL MODERN ANALYSIS
# MINICONFERENCE

## September 24 and 25, 2011

# Program

*Times given are Eastern Daylight Time*

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

**Saturday:**

9:10 Registration, Refreshments

9:50–10:40 *THIERRY GIORDANO, University of Ottawa*
Topological orbit equivalence of free, minimal actions of $\mathbb{Z}^d$ on the Cantor set

Break

10:50–11:40 *MARIUS JUNGE, University of Illinois at Urbana-Champaign*
The relation between Tsirelson's problem and Connes' embedding problem

Break

11:50–12:10 *JOSÉ R. CARRIÓN, Purdue University*
Quasi-homomorphisms and Surface Groups

Lunch: 12:30 at BISTRO

2:00–2:50 *EMILY PETERS, Massachusetts Institute of Technology*
Classifying subfactors up to index 5

Break

3:00–3:50 NETS KATZ , Indiana University
New Bounds on the Cap Set Problem

Break

4:00–4:20 *IRINA SECELEANU, Bridgewater State University*
Dichotomous Behavior for the Hypercyclicity of Weighted Shifts

Break

4:30–4:50 *TIMUR OIKBERG, University of California at Irvine*
Automatic continuity of orthogonality or disjointness preserving maps

Break

5:00–5:20 *BOGDAN TEODOR UDREA, University of Iowa*
New examples of von Neumann algebras with unique Cartan subalgebra

Break

5:30–5:50 *KELLY BICKEL, Washington University, St. Louis*
Fundamental Agler Decompositions

Break

6:00–6:20 *JOSE LUGO, Purdue University*
On quasi-diagonality of continuous fields

**Sunday:**

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| 9:00 | Refreshments |
| 9:30–10:20 | *SERBAN BELINSCHI, University of Saskatchewan*<br>Central limits in operator-valued non-commutative probability |
| | Break |
| 10:30–11:20 | *HARI BERCOVICI, Indiana University*<br>Addition of free nonselfadjoint variables |
| | Break |
| 11:30–11:50 | *KEVIN RION, Bridgewater State University*<br>Diverging Aluthge Sequences of Shifts |
| | Break |
| 11:55–12:15 | *STEVE AVSEC, University of Illinois at Urbana-Champaign*<br>The $q$-Gaussian algebras are weakly amenable |

End of Conference