

DEPARTMENT OF MATHEMATICS, VANDERBILT UNIVERSITY
NASHVILLE, TENNESSEE, USA

THE FIRST EAST COAST
OPERATOR ALGEBRAS SYMPOSIUM

SEPTEMBER 20 & 21, 2003

SCHEDULE OF TALKS

All talks will be held in Lecture Hall 4309, Stevenson Center.

Saturday, September 20, 2003

9:15 am - 9:25 am **Welcome**

9:25 am - 10:15 am **Vaughan Jones**

An obstruction to being a principal graph

10:15 am - 10:30 am *Coffee Break*

10:30 am - 11:20 am **Hari Bercovici**

Eigenvalue inequalities and addition of free random variables

11:20 am - 11:30 am *Break*

11:30 am - 12:00 pm **Maria Grazia Viola**

On non-outer conjugate actions of a cyclic group on an interpolated free group factor

12:00 pm - 2:00 pm *Lunch Break*

2:00 pm - 2:50 pm **Narutaka Ozawa**

Weakly exact von Neumann algebras

2:50 am - 3:00 am *Break*

3:00 pm - 3:30 pm **Alexis Alevras**

Semigroups of endomorphisms of $B(H)$

3:30 pm - 4:00 pm *Coffee Break*

4:00 pm - 4:50 pm **John Roe**

Finite propagation operators which are Fredholm

Sunday, September 21, 2003

9:10 am - 10:00 am Henri Moscovici

Rankin-Cohen deformations along the transverse fundamental class

10:00 am - 10:15 am *Coffee Break*

10:15 am - 11:05 am Dirk Kreimer

The bare bones of QFT: numbers, Hopf algebras and NCG

11:05 am - 11:15 am *Break*

11:15 am - 12:05 pm Nate Brown

C^* -algebras and numerical analysis?

12:05 pm - 2:00 pm *Lunch Break*

2:00 pm - 2:30 pm Junhao Shen

On the free entropy dimension of some von Neumann algebras

2:30 pm - 2:40 pm *Break*

2:40 pm - 3:10 pm Marta Asaeda

Khovanov homology of links in $F \times I$

3:10 pm - 3:20 pm *Break*

3:20 pm - 3:50 pm Dorin Dumitrescu

On C^* -algebras and K -theory for infinite-dimensional Fredholm manifolds

3:50 pm - 4:30 pm *Coffee Break*

End of conference

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