

Shanks Workshop on Subfactors and Planar Algebras

April 18-20, 2008

Vanderbilt University

Organizers: Dietmar Bisch, Pinhas Grossman, Shamindra Ghosh

All talks are scheduled in Stevenson Center, Building 1 (Math Department).

Friday, April 18, 2008

10:00am-10:50am Feng Xu, room SC 5211
Introduction to intermediate subfactor lattices

11:00am-11:50am Emily Peters, room SC 1320
Constructing the Haagerup subfactor with planar algebras

12:00-2:00pm Lunch break

All afternoon talks will be held in SC 1320.

2:00pm Marta Asaeda (50 minutes)
Non-existence of finite depth subfactors with certain small indices

Yasuyuki Kawahigashi (50 minutes)
Superconformal field theory, super moonshine and operator algebras

Richard Burstein (50 minutes)
Subfactors and Hadamard Matrices

Dinner

Saturday, April 19, 2008

All talks will be held in SC 1432. SC 1431 and SC 1307 are available for discussions.

9:30am Feng Xu (50 minutes)
Intermediate subfactor lattice and conformal field theory I

Paramita Das (30 minutes)
The planar algebra of Bisch-Haagerup subfactors I

Shamindra Ghosh (30 minutes)
The planar algebra of Bisch-Haagerup subfactors II

12:00-2:00pm

Lunch break

2:00pm

Vaughan Jones (50 minutes)

Pairs of finite index subfactors, systems of bimodules and II_1 factors coming from graded algebras

Scott Morrison (50 minutes)

A not-quite-braiding for the D_{2n} planar algebras, and some knot invariants

Pinhas Grossman (50 minutes)

Construction of a subfactor with index $(7+\sqrt{13})/2$ (after Masaki Izumi)

Sunday, April 20, 2008

All talks will be held in SC 1432. SC 1431 and SC 1307 are available for discussions.

9:30am

Feng Xu (50 minutes)

Intermediate subfactor lattice and conformal field theory II

Noah Snyder (30 minutes)

Unoriented or Disoriented?

Alan Wiggins (30 minutes)

Strong singularity for subfactors

Jesse Peterson (50 minutes)

Von Neumann subalgebras closed under Γ -extensions

End of workshop