

Winter School on Operator Algebras

Dates: Wednesday, December 7 – Friday, December 16, 2011

Place: Room 420, RIMS, Kyoto University

Access: <http://www.kurims.kyoto-u.ac.jp/en/access-01.html>

Organizers: Masaki Izumi (Kyoto University), Yasuyuki Kawahigashi (University of Tokyo), Hiroki Matui (Chiba University), Hisashi Okamoto (RIMS, Kyoto University), Narutaka Ozawa (RIMS, Kyoto University), Yoshimichi Ueda (Kyushu University)

Wednesday, December 7

9:40–10:30 Narutaka Ozawa (RIMS Kyoto University)

Weak amenability for groups I

11:00–11:50 Masaki Izumi (Kyoto University)

Type III E_0 -semigroups, a tribute to the memory of Bill Arveson I

13:20–14:10 N. Christopher Phillips (University of Oregon)

Crossed products of C^* -algebras by finite groups

14:30–15:20 Ian Putnam (University of Victoria)

Orbit equivalence for minimal Cantor dynamics I

15:50–16:40 Roberto Longo (Università di Roma “Tor Vergata”)

Operator Algebras and Conformal Field Theory I

17:00–17:50 Feng Xu (University of California, Riverside)

On intermediate subfactors I

Thursday, December 8

9:40–10:30 Narutaka Ozawa (RIMS Kyoto University)

Weak amenability for groups II

11:00–11:50 Masaki Izumi (Kyoto University)

Type III E_0 -semigroups, a tribute to the memory of Bill Arveson II

13:20–14:10 N. Christopher Phillips (University of Oregon)

Crossed products of AF algebras by actions with the Rokhlin property

14:30–15:20 Ian Putnam (University of Victoria)

Orbit equivalence for minimal Cantor dynamics II

15:50–16:40 Roberto Longo (Università di Roma “Tor Vergata”)

Operator Algebras and Conformal Field Theory II

17:00–17:50 Feng Xu (University of California, Riverside)

On intermediate subfactors II

Friday, December 9

9:40–10:30 Narutaka Ozawa (RIMS Kyoto University)

Weak amenability for groups III

11:00–11:50 Masaki Izumi (Kyoto University)

Type III E_0 -semigroups, a tribute to the memory of Bill Arveson III

13:20–14:10 N. Christopher Phillips (University of Oregon)

Crossed products of tracially AF algebras by actions with the tracial Rokhlin property

14:30–15:20 Ian Putnam (University of Victoria)

Orbit equivalence for minimal Cantor dynamics III

15:50–16:40 Roberto Longo (Università di Roma “Tor Vergata”)

Operator Algebras and Conformal Field Theory III

17:00–17:50 Feng Xu (University of California, Riverside)

On intermediate subfactors III

Monday, December 12

9:40–10:30 Vaughan Jones (Vanderbilt University)

Annular categories of planar algebras and subfactors I

11:00–11:50 Stefaan Vaes (Katholieke Universiteit Leuven)

Uniqueness and non uniqueness of Cartan subalgebras in II_1 factors I

13:20–14:10 Alice Guionnet (CNRS, École normale supérieure de Lyon)

Random matrices, free probability and planar algebras I

14:30–15:20 Joachim Cuntz (Universität Münster)

C^* -algebras associated with rings and semigroups from number theory I

15:50–16:40 Damien Gaboriau (CNRS, Université de Lyon)

Measured group theory and percolation I

17:00–17:50 Dimitri Shlyakhtenko (University of California Los Angeles)

Some planar algebra constructions inspired by random matrices and free probability I

Tuesday, December 13

9:40–10:30 Vaughan Jones (Vanderbilt University)

Annular categories of planar algebras and subfactors

11:00–11:50 Stefaan Vaes (Katholieke Universiteit Leuven)

Uniqueness and non uniqueness of Cartan subalgebras in II_1 factors II

13:20–14:10 Alice Guionnet (CNRS, École normale supérieure de Lyon)

Random matrices, free probability and planar algebras II

14:30–15:20 Joachim Cuntz (Universität Münster)

C^* -algebras associated with rings and semigroups from number theory II
15:50–16:40 Gilles Pisier (Université Paris VI, Texas A&M University)
Tensor products of Operator Spaces and Grothendieck’s Theorem I
17:00–17:50 Dimitri Shlyakhtenko (University of California Los Angeles)
Some planar algebra constructions inspired by random matrices and free probability II

Wednesday, December 14

9:40–10:30 Dan Voiculescu (University of California Berkeley)
Almost normal operators mod Hilbert-Schmidt and the K -theory of the algebras $E\Lambda(\Omega)$ I
11:00–11:50 Joachim Cuntz (Universität Münster)
 C^* -algebras associated with rings and semigroups from number theory III

Thursday, December 15

9:40–10:30 Vaughan Jones (Vanderbilt University)
Annular categories of planar algebras and subfactors III
11:00–11:50 Dan Voiculescu (University of California Berkeley)
Almost normal operators mod Hilbert-Schmidt and the K -theory of the algebras $E\Lambda(\Omega)$ II
13:20–14:10 Damien Gaboriau (CNRS, Université de Lyon)
Measured group theory and percolation II
14:30–15:20 Gilles Pisier (Université Paris VI, Texas A&M University)
Tensor products of Operator Spaces and Grothendieck’s Theorem II
15:50–16:40 Alice Guionnet (CNRS, École normale supérieure de Lyon)
Random matrices, free probability and planar algebras III
17:00–17:50 Dimitri Shlyakhtenko (University of California Los Angeles)
Some planar algebra constructions inspired by random matrices and free probability III

Friday, December 16

9:40–10:30 Dan Voiculescu (University of California Berkeley)
Almost normal operators mod Hilbert-Schmidt and the K -theory of the algebras $E\Lambda(\Omega)$ III
11:00–11:50 Gilles Pisier (Université Paris VI, Texas A&M University)
Tensor products of Operator Spaces and Grothendieck’s Theorem III
13:20–14:10 Damien Gaboriau (CNRS, Université de Lyon)
Measured group theory and percolation III

14:30–15:20 Stefaan Vaes (Katholieke Universiteit Leuven)
Uniqueness and non uniqueness of Cartan subalgebras in II_1 factors III