

Follow-Up-Workshop on
“Von Neumann Algebras”

August 29 - September 2, 2022

organized by

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Time measurement: CEST

• Monday, August 29

09:00 - 09:30	<i>Arrival and Registration</i>
09:30 - 10:20	Stefaan Vaes <i>Nonsingular Bernoulli actions: a survey</i>
10:20 - 11:10	<i>Coffee break</i>
11:10 - 12:00	Pinhas Grossman <i>Graded extensions of generalized Haagerup categories</i>
12:00 - 14:30	<i>Lunch break</i>
14:30 - 15:00	Daniel Drimbe <i>Embedding universality for II_1 factors with property (T)</i>
15:10 - 16:00	David Evans <i>Higher equivariant twists, K-theory and fusion rings</i>
16:00 - 16:40	<i>Coffee break</i>
16:40 - 17:30	Hans Wenzl <i>Deformations of subgroups for $SU(N)_k$</i>

• Tuesday, August 30

09:30 - 10:20	Roland Speicher <i>Universality of free random variables: atoms for non-commutative rational functions</i>
10:20 - 11:10	<i>Group Photo and Coffee break</i>
11:10 - 12:00	Sergey Neshveyev <i>Furstenberg-Hamana boundary of a C^*-tensor category</i>
12:00 - 14:30	<i>Lunch break</i>
14:30 - 15:20	David Penneys <i>A categorical Connes' $\chi(M)$</i>

15:30 - 16:00	Hui Tan <i>Spectral gap characterizations of property (T) for II_1 factors</i>
16:00 - 17:00	<i>Coffee break</i>
17:00 - 17:30	Thomas Sinclair <i>A notion of index for finite-dimensional operator systems</i>
18:00	<i>Reception at HIM</i>

• **Wednesday, August 31**

09:30 - 10:20	Andreas Thom <i>Maximal discrete subgroups in unitary groups of operator algebras</i>
10:20 - 11:15	<i>Coffee break</i>
11:15 - 11:45	Srivatsav Kunnawalkam Elayavalli <i>On proper proximality for groups and von Neumann algebras</i>
12:00 - 14:30	<i>Lunch break</i>
14:30 - 15:00	Rolando de Santiago <i>Bounds on the quantum chromatic number of lexicographical products of quantum graphs</i>
15:10 - 16:00	David Jekel <i>Connections between free probability and model theory</i>
16:00 - 16:40	<i>Coffee break</i>
16:40 - 17:30	Cyril Houdayer <i>Pointwise inner automorphisms of almost periodic factors</i>
starting at 18:00	<i>Beer & Pizza or perhaps BBQ (either event self-organized by participants)</i>

• **Thursday, September 1**

09:30 - 10:20	Corey Jones <i>K-theoretic classification of inductive limit actions of fusion categories on AF-algebras</i>
10:20 - 11:10	<i>Coffee break</i>
11:10 - 12:00	Ben Hayes <i>Consequences of the recent resolution of the Peterson-Thom conjecture</i>
12:00 - 14:30	<i>Lunch break</i>
14:30 - 15:00	Alexey Kuzmin <i>New models of old operator algebras</i>
15:10 - 16:00	Noah Snyder <i>An algebraic version of the small index subfactor classification</i>
16:00 - 16:40	<i>Coffee break</i>

16:40 - 17:30 | **Arnaud Brothier**
Forest-skein groups

• **Friday, September 2**

09:30 - 10:20 | **Stuart White**
Tracially complete C^ -algebras*

10:20 - 11:00 | *Coffee break*

11:00 - 11:30 | **Samuel Evington**
Actions of unitary fusion categories on the Jiang–Su algebra

11:40 - 12:30 | **Brent Nelson**
Free Stein dimension

12:30 | *Lunch and End of Workshop*