



共同研究「作用素環論の最近の進展」

Recent Developments in Operator Algebras

<http://www.kurims.kyoto-u.ac.jp/~narutaka/2018sep.html>

京都大学数理解析研究所 111号室 Room 111 at RIMS, Kyoto University

平成30年9月03日～05日 03-05 September 2018

研究代表者: 小沢登高

Organizer: Narutaka OZAWA

9月03日(月)

Monday, 03.09

13:30~14:30 **Benoit Collins (Kyoto)**

Non-commutative non-backtracking operators and applications to operator algebras

14:45~15:45 早瀬友裕 (東大)

Tomohiro Hayase (Tokyo)

Parameter estimation of random matrix models via free probability

16:00~17:00 佐藤僚亮 (九大・名大) **Ryosuke Sato (Kyushu/Nagoya)**

Quantum group analogue of the Vershik-Kerov theory and the probability theory on the Gelfand-Tsetlin graph

9月04日(火)

Tuesday, 04.09

09:30~10:30 綿谷安男 (九大)

Yasuo Watatani (Kyushu)

Dimension groups for self-similar maps and associated C^* -algebras

10:45~11:45 佐藤康彦 (京大)

Yasuhiko Sato (Kyoto)

Actions of amenable groups and absorption of the Jiang-Su algebra

13:30~14:30 松本健吾 (上教大)

Kengo Matsumoto (Joetsu)

Asymptotic continuous orbit equivalence of hyperbolic dynamical systems and related C^* -algebras

14:45~15:45 森迪也 (東大)

Michiya Mori (Tokyo)

Preserver problems and isometries of operator algebras

16:00~17:00 高田土満 (東大)

Doman Takata (Tokyo)

Towards an infinite-dimensional index theorem

9月05日(水)

Wednesday, 05.09

09:30~10:30 木田良才 (東大)

Yoshikata Kida (Tokyo)

Inner amenable groupoids

10:45~11:45 鈴木悠平 (名大)

Yuhei Suzuki (Nagoya)

Complete descriptions of intermediate operator algebras by intermediate extensions of dynamical systems