

研究集会「作用素環論の最近の進展」

Recent Developments in Operator Algebras

京都大学数理解析研究所 420号室 Room 420 at RIMS, Kyoto University

平成26年9月8日～10日 08–10 September 2014

研究代表者: 小澤登高

Organizer: Narutaka OZAWA

9月8日(月) Monday, 08.09

13:00~13:50 Sven Raum (Münster/RIMS)

Baumslag-Solitar groups, relative profinite completions and measure equivalence rigidity

14:00~14:50 磯野優介 (京大) Yusuke Isono (Kyoto)

Some prime factorization results for free quantum group factors

15:10~16:00 佐藤康彦 (京大) Yasuhiko Sato (Kyoto)

Elementary amenable groups are quasidiagonal

16:10~17:00 荒野悠輝 (東大) Yuki Arano (Tokyo)

Irreducible spherical unitary representations of the Drinfeld double of $SU_q(3)$

9月9日(火) Tuesday, 09.09

09:40~10:30 日合文雄 (東北) Fumio Hiai (Tohoku)

Minkowski type inequalities for the Fuglede-Kadison determinant in finite von Neumann algebras

10:40~11:30 長谷川慧 (九大) Kei Hasegawa (Kyushu)

Essential commutants of semicrossed products

13:00~13:50 岸本晶孝 (北大) Akitaka Kishimoto (Hokkaido)

C^* 環上の流れに対する AI (approximate innerness) と QD (quasi-diagonality)

14:00~14:50 戸松玲治 (北大) Reiji Tomatsu (Hokkaido)

Haagerup property for von Neumann algebras

15:10~16:00 植田好道 (九大) Yoshimichi Ueda (Kyushu)

Discrete cores of type III free product factors

16:10~17:00 鈴木悠平 (東大/RIMS) Yuhei Suzuki (Tokyo/RIMS)

Realization of hyperbolic group C^* -algebras as decreasing intersection of Cuntz algebras \mathcal{O}_2

9月10日(水) Wednesday, 10.09

09:40~10:30 Benoit Collins (Kyoto)

Random positive maps

10:40~11:30 酒匂宏樹 (新潟大) Hiroki Sako (Niigata)

The Arcsine law and an asymptotic behavior of orthogonal polynomials