

Zetas and Limit Laws in OKINAWA 2009*

Dates: 14–17 November 2009

Venue: Festone (Ginowan, OKINAWA)

Organizers: Hiroyuki OCHIAI (Kyushu University)
Kazufumi KIMOTO (University of the Ryukyus)
Yasuro GON (Kyushu University)

Program:

14 November

18:30–19:30 Yoshinori YAMASAKI (Ehime University)
Hecke's zeros and higher depth determinants

19:45–20:45 Kazuhiro ONODERA (Tokyo Institute of Technology)
Special values of double sine functions

15 November

9:15–10:15 Sho MATSUMOTO (Nagoya University)
Weingarten calculus for orthogonal matrices and Jucys-Murphy elements

10:30–11:30 Hiroyuki OCHIAI (Kyushu University)
Polynomial solutions of a generalization of the system of Gelfand hypergeometric equations

13:30–14:30 Mitsugu MERA (Kyushu University)
On zero-free regions of a q -analogue of the complete Riemann zeta function

14:45–15:45 Yasufumi HASHIMOTO (Institute of Systems & Information Technologies/KYUSHU)
Asymptotic formulas of class number sums in arithmetic progressions for indefinite binary quadratic forms

16:00–17:00 Masato WAKAYAMA (Kyushu University)
Non-linear algebraic differential equations satisfied by certain family of elliptic functions

16 November

9:15–10:15 Nobushige KUROKAWA (Tokyo Institute of Technology)
Absolute zeta functions

10:30–11:30 Shin-ya KOYAMA (Toyo University)
Zeta functions over \mathbb{F}_1

13:30–14:30 Yasuro GON (Kyushu University)
A note on Selberg zeta functions for Hilbert modular varieties

14:45–15:45 Miki HIRANO (Ehime University)
Multiple Jackson q -Mahler measures

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16:00–17:00 Hirotaka AKATSUKA (Tokyo Institute of Technology)
Zeros of the derivative of the Riemann zeta function in short intervals

17 November

9:15–10:15 Jyouichi KANEKO (University of the Ryukyus)
Constrained extremal problems of difference product and applications

10:30–11:30 Kazufumi KIMOTO (University of the Ryukyus)
Spectral anomalies in special values of the spectral zeta function associated to the non-commutative harmonic oscillator