

Zetas and Limit Laws in OKINAWA 2008*

Dates: 22–25 November 2008

Venue: Okinawa Convention Center (Ginowan, OKINAWA)

Organizers: Hiroyuki OCHIAI (Nagoya University)
Yasuro GON (Kyushu University)

Program:

22 November

- 9:30–10:30 Kazuhiro ONODERA (Tokyo Institute of Technology)
Some integrals involving the logarithms of Milnor's multiple sine functions
- 10:45–11:45 Yasufumi HASHIMOTO (Institute of Systems & Information Technologies/KYUSHU)
On asymptotic behavior of composite integers $n = pq$
- 13:30–14:30 Hirotaka AKATSUKA (Tokyo Institute of Technology)
Zeta Mahler measures
- 14:45–15:45 Hiroyuki OCHIAI (Nagoya University)
Mahler measures and hypergeometric functions
- 16:00–17:00 Matilde LALÍN (University of Alberta)
Higher Mahler measures

23 November

- 9:30–10:30 Masato WAKAYAMA (Kyushu University)
Harmonic analysis on Hermitian symmetric spaces of tube type and multivariate Meixner-Pollaczek polynomials
- 10:45–11:45 Matilde LALÍN (University of Alberta)
Mahler measures under variations of the base group
- 14:00–15:00 Miki HIRANO (Ehime University)
Jackson q -Mahler measures
- 15:15–16:15 Nobushige KUROKAWA (Tokyo Institute of Technology)
150 years of the Riemann hypothesis
- 16:25–17:00 Free discussion

24 November

- 9:30–10:30 Nobushige KUROKAWA (Tokyo Institute of Technology)
Stirling modular functions and applications
- 10:45–11:45 Yasuro GON (Kyushu University)
A note on Selberg zeta functions

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- 14:00–15:00 Sho MATSUMOTO (Nagoya University)
Explicit expressions of Weingarten functions for orthogonal groups
- 15:15–16:15 Jyouichi KANEKO (University of the Ryukyus)
Constrained extremal problems of difference product
- 16:25–17:00 Free discussion

25 November

- 9:30–10:30 Mitsugu MERA (Kyushu University)
One-parameter deformation of the q -Mellin transform of modular forms
- 10:45–11:45 Yoshinori YAMASAKI (Ehime University)
Higher depth determinants of Laplacians on the n -sphere