

Statistics and Probability

March 21st (Sat) Conference Room IIa

9:30–12:00

- [08-01-0005](#)
1 Isamu Dôku (Saitama Univ.) Unbiased estimator related to some integral equations 15
- [08-01-0025](#)
2 Taro Murayama (Kanazawa Univ.)* The zero-mass limit problem for three relativistic Schrödinger heat semigroups 15
- [08-01-0039](#)
3 Naotaka Kajino (Kobe Univ.)
Alexander Grigor'yan (Univ. of Bielefeld) Localized heat kernel upper bounds for diffusions via a multiple Dynkin–Hunt formula 15
- [08-01-0027](#)
4 Shigeyoshi Ogawa (Ritsumeikan Univ.)
Hideaki Uemura (Aichi Univ. of Edu.) On the identification of noncausal functions from the SFCs 15
- [08-01-0031](#)
5 Shigeyoshi Ogawa (Ritsumeikan Univ.) BPE and a noncausal counterpart of Girsanov's theorem 10
- [08-01-0002](#)
6 Yuji Kasahara (Univ. of Tsukuba)
Shin'ichi Kotani (Kwansei Gakuin Univ.) Asymptotic behavior of the transition density of Bessel-like diffusion 10
- [08-01-0019](#)
7 Yasuki Isozaki (Kyoto Inst. Tech.) First hitting time of the integer lattice by symmetric stable processes 10
- [08-01-0021](#)
8 Dai Taguchi (Ritsumeikan Univ.)
Arturo Kohatsu-Higa (Ritsumeikan Univ.)
Jie Zhong (Univ. of Central Florida) Parametrix method for skew diffusion 15
- [08-01-0017](#)
9 Yusuke Nakamura (Hiroshima Univ.)
Akihiko Inoue (Hiroshima Univ.)
Shingo Moriuchi (Bizen Ryokuyo High School) A Vasicek-type short rate model with memory effect 15

14:15–14:45

- [08-01-0040](#)
10 Ryoki Fukushima (Kyoto Univ.)
Marek Biskup (UCLA)
Wolfgang König (WIAS) Eigenvalue fluctuations for lattice Anderson Hamiltonians 10
- [08-01-0041](#)
11 Ryoki Fukushima (Kyoto Univ.)
Francis Comets (Univ. Paris 7)
Nobuo Yoshida (Nagoya Univ.) Limiting results for the free energy of directed polymers in random environment with unbounded jumps 10
- [08-01-0010](#)
12 Katusi Fukuyama (Kobe Univ.)*
Yutaro Noda (Kobe Univ.) On permutational invariance of the metric discrepancy results 5

15:00–16:00 Talk Invited by Statistics and Probability Section

- [08-02-0002](#)
Naotaka Kajino (Kobe Univ.) Heat kernel analysis for Brownian motion of 2-dimensional Liouville quantum gravity

16:15–17:15 Award Lecture for 2014 Analysis Prize

- [08-02-0004](#)
Hiroyuki Osada (Kyushu Univ.) Stochastic dynamics and geometry for infinite particle systems

March 22nd (Sun) Conference Room IIb

9:30–11:30

- 08-01-0042
13 Shin-Ichiro Takazawa (Kobe Univ.) * The convergence rate of the strong law of large numbers by a finite number of strategies in the unbounded forecasting game II 10
- 08-01-0018
14 F. Alberto Grünbaum (UC Berkeley) A long-time limit distribution of a 3-period time-dependent quantum walk 15
Takuya Machida (JSPS)
- 08-01-0014
15 Akihito Hora (Hokkaido Univ.) Hydrodynamic limit for restriction-induction chains and free probability 15
- 08-01-0011
16 Takayoshi Setokuchi Discrepancies of irrational rotations based on numbers having single isolated large partial quotient 15
(Setokuchi Roof Tile Factory Co. Ltd.)
Keizo Takashima
(Okayama Univ. of Sci.)
- 08-01-0038
17 Shintaro Suzuki (Osaka Univ.) The Artin–Mazur zeta function of generalized beta transformations .. 15
- 08-01-0033
18 Hiroki Takahashi (Keio Univ.) * Zero temperature limit for the Hénon map at the first bifurcation 15
- 08-01-0013
19 Michael Keane (Wesleyan Univ.) On the number of infinite clusters in percolation on a class of fractal-like graphs 15
Masato Takei (Yokohama Nat. Univ.)

11:30–12:00

March 23rd (Mon) Conference Room IIa

9:30–12:00

- 08-01-0022
20 Naoto Nakano Ensemble predictability estimate of vector-valued time-series analysis based on stochastic differential equation model 15
(JST PRESTO/Hokkaido Univ.)
Masaru Inatsu (Hokkaido Univ.)
Seiichiro Kusuoka (Tohoku Univ.)
Yoshitaka Saiki (Hitotsubashi Univ.)
- 08-01-0032
21 Fumiya Akashi (Waseda Univ.) GMM estimator for symmetric α -stable linear processes and its second-order asymptotic properties 15
- 08-01-0036
22 Yan Liu (Waseda Univ.) Asymptotic theory for minimum contrast estimation in time series analysis 15
- 08-01-0009
23 Shintaro Hashimoto (Univ. of Tsukuba) Reference priors with maximum divergence for multiparameter non-regular models 15
Ken-ichi Koike (Univ. of Tsukuba)
- 08-01-0029
24 Koji Tsukuda A functional central limit theorem in an L^2 space for the Ewens sampling formula 15
(Grad. Univ. for Adv. Stud.)
- 08-01-0037
25 Jo Suzuki (Osaka Univ.) A generalized BIC without assuming either discrete or continuous 15
- 08-01-0015
26 Masafumi Akahira (Univ. of Tsukuba) Asymptotic loss of the MLE of a truncation parameter for a one-sided truncated exponential family of distributions 10
Nao Ohyauchi (Univ. of Tsukuba)
- 08-01-0016
27 Nao Ohyauchi (Univ. of Tsukuba) Asymptotic loss of the MLE of a truncation parameter for a two-sided truncated exponential family of distributions 10
Masafumi Akahira (Univ. of Tsukuba)

14:15–15:15

08-01-0026

- 28 Yuri Sekiya (Hokkaido Univ. of Edu.) On an application of a discontinuous term of the asymptotic expansion
Nobuhiro Taneichi (Kagoshima Univ.) for distribution of multinomial goodness-of-fit test statistic 15

08-01-0003

- 29 Seiichi Iwamoto (Kyushu Univ.*) Is Da Vinci Code in itself optimal? 15
Yutaka Kimura (Akita Pref. Univ.)

08-01-0004

- 30 Seiichi Iwamoto (Kyushu Univ.*) Three dual approaches to least squares method 15

15:30–16:30 Talk Invited by Statistics and Probability Section

08-02-0001

- Taka-aki Shiraiishi (Nanzan Univ.) Advanced theory of multiple comparison procedures in multi-sample models

16:45–17:45 Talk Invited by Statistics and Probability Section

08-02-0003

- Masashi Hyodo (Tokyo Univ. of Sci.) Estimation of the probabilities of misclassification for a linear discriminant function in high-dimensional settings

March 24th (Tue) Conference Room IIa

9:45–12:00

08-01-0023

- 31 Akira Shibuya (Tokyo Univ. of Sci.) Orthogonal decomposition of extended diagonal exponent symmetry
Kiyotaka Iki (Tokyo Univ. of Sci.) model in square contingency tables with ordered categories 15
Sadao Tomizawa (Tokyo Univ. of Sci.)

08-01-0024

- 32 Mana Aizawa (Tokyo Univ. of Sci.) Decompositions of sum-symmetry model for square contingency tables
Kouji Yamamoto (Osaka Univ.) with ordered categories 10
Sadao Tomizawa (Tokyo Univ. of Sci.)

08-01-0034

- 33 Kouji Tahata (Tokyo Univ. of Sci.) Decomposition of symmetry based on extended linear asymmetry model
Masato Naganawa (Tokyo Univ. of Sci.) for square contingency tables with ordered categories 10
Sadao Tomizawa (Tokyo Univ. of Sci.)

08-01-0007

- 34 Shoko Chisaki (Tokyo Univ. of Sci.) On a difference systems of set from a family of subsets in \mathbb{F}_p 10
Nobuko Miyamoto (Tokyo Univ. of Sci.)

08-01-0006

- 35 Masanori Sawa (Kobe Univ.) Developing the theory of designs on measure spaces II—a generalization
of Tchakaloff's Theorem— 15

08-01-0012

- 36 Masahide Kuwada Existence conditions for balanced fractional 2^m factorial designs of
(Int. Inst. for Nat. Sci.) resolution $R^*(\{1, 2\}|\Omega_4)$ with $N < \nu_4(m)$ 15
Yoshifumi Hyodo
(Okayama Univ. of Sci./Int. Inst. for Nat. Sci.)
Hiromu Yumiba (Int. Inst. for Nat. Sci.)
Kazuma Ozo (Okayama Univ. of Sci.)

08-01-0028

- 37 Kazuki Matsubara The existence of 2 pairwise additive cyclic BIB designs with an even
(Matsunaga High School) number of points 10
Masatake Hirao (Aichi Pref. Univ.)
Sanpei Kageyama
(Hiroshima Inst. of Tech.)

08-01-0030

- 38 Xiao-Nan Lu (Nagoya Univ.) Unifying some graphs related to quadruple systems 15
Masakazu Jimbo (Nagoya Univ.)

14:15–15:15

08-01-0008

39 Kazuyoshi Yata (Univ. of Tsukuba) Makoto Aoshima (Univ. of Tsukuba) Asymptotic properties of the extended cross-data-matrix methodology for high-dimensional data and their applications 15

08-01-0020

40 Akimichi Takemura (Univ. of Tokyo) Constantin Siriteanu (Osaka Univ.) Satoshi Kuriki (Inst. of Stat. Math.) Some recent results on complex non-central Wishart distribution in application to wireless communication 15

08-01-0043

41 Hirofumi Wakaki (Hiroshima Univ.) A variable selection criterion for GMANOVA model with random coefficient 15