

Algebra

March 15th (Sat) Conference Room I

9:00–12:00

- 02-01-0006
1 Shigeru Iitaka (学習院大*)# A variation of Euler's phi-function 10
- 02-01-0011
2 Tomohiro Iwami *
(Kyushu Sangyo Univ.) varieties of semi-stable type 10
- 02-01-0001
3 Tetsuya Ando (Chiba Univ.)# Development on cyclic homogeneous polynomial inequalities of three variables 15
- 02-01-0043
4 Yoshifumi Tsuchimoto (Kochi Univ.)# Dynamical system over a finite field and non commutative algebraic geometry 15
- 02-01-0004
5 So Okada (Oyama Nat. Coll. of Tech.)# Quintic periods and stability conditions via homological mirror symmetry 10
- 02-01-0056
6 Makoto Sakurai # Chiral algebras and algebraization of Higgs bundles' stability 15
- 02-01-0061
7 Nan Wang (Saitama Univ.)#
Fumio Sakai (Saitama Univ.) Hyperelliptic and trigonal curves among cyclic coverings of the projective line 15
- 02-01-0046
8 Osamu Matsuda #
(Tsuyama Nat. Coll. of Tech.) Classification of curves on irrational ruled surfaces by mixed plurigenera 15
- 02-01-0032
9 Kenta Watanabe (Osaka Univ.)* On the classification of ACM line bundles on quartic hyper surfaces of \mathbb{P}^3 10
- 02-01-0066
10 Shigeru Mukai (Kyoto Univ.)#
Hisanori Ohashi (Tokyo Univ. of Sci.) The automorphism groups of Enriques surfaces covered by symmetric quartic surfaces 15
- 02-01-0063
11 Kazuki Utsumi (Hiroshima Univ.)# Jacobian fibrations on the singular $K3$ surface of discriminant 3 10
- 02-01-0031
12 Katsuhisa Furukawa (Waseda Univ.)# On general fibers of Gauss maps in arbitrary characteristic 15

14:15–16:30

- 02-01-0024
13 Kiwamu Watanabe (Saitama Univ.)* Characterization of the complete flag manifold of type F_4 15
- 02-01-0048
14 Tadashi Takahashi (甲南大知能情報)# On the application of elimination ideal V 10
- 02-01-0008
15 Yusuke Nakajima (Nagoya Univ.)# Dual F -signature of Cohen–Macaulay modules over rational double points 15
- 02-01-0012
16 Shiro Goto (Meiji Univ.)#
Ryo Takahashi (Nagoya Univ.)
Naoki Taniguchi (Meiji Univ.)
Hoang Le Truong (IMVAST) Huneke–Wiegand conjecture and change of rings 15
- 02-01-0041
17 Shiro Goto (Meiji Univ.)*
Kazuho Ozeki (Yamaguchi Univ.) The first Euler characteristics versus the homological degrees 15
- 02-01-0042
18 Shiro Goto (Meiji Univ.)*
Kazuho Ozeki (Yamaguchi Univ.) Relation between the first Hilbert coefficients and the homological torsions 10
- 02-01-0050
19 Kei-ichiro Iima *
(Nara Nat. Coll. of Tech.)
Ryo Takahashi (Nagoya Univ.) Linkage of modules over a Gorenstein local ring 15

02-01-0045	20 Tokuji Araya (Okayama Univ. of Sci.) [#]	Thick subcategories of stable categories over graded Gorenstein rings	10
02-01-0036	21 Shigeru Kuroda (Tokyo Metro. Univ.) [#]	The automorphism group of an integral domain over the kernel of a locally nilpotent derivation	15

16:45–17:45 Talk invited by Algebra Section

02-02-0002	Takehiko Yasuda (Osaka Univ.) [#]	Perspectives on the wild McKay correspondence	
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March 16th (Sun) Conference Room I

9:00–12:00

02-01-0069	22 Ken-ichiroh Kawasaki (Nara Univ. of Edu.)	On a characterization of cofinite complexes over regular rings of finite dimension	10
02-01-0044	23 Shuhei Kamioka (Kyoto Univ.) [#]	Laurent biorthogonal polynomials, q -Narayana polynomials and domino tilings of the Aztec diamonds	15
02-01-0003	24 Takayuki Hibi (Osaka Univ. / JST CREST) Kazunori Matsuda (Rikkyo Univ. / JST CREST) Hidefumi Ohsugi (Rikkyo Univ. / JST CREST)	* A necessary and sufficient condition for strong Koszulness of edge rings associated with finite graphs	15
02-01-0054	25 Takayuki Hibi (Osaka Univ. / JST CREST) Akihiro Higashitani (Osaka Univ.) Kyouko Kimura (Shizuoka Univ.) Augustine B. O’Keefe (Univ. of Kentucky)	[#] Algebraic study on Cameron–Walker graphs	15
02-01-0055	26 Akihiro Higashitani (Osaka Univ.) [#]	Minkowski sum of edge polytopes and its normality	15
02-01-0034	27 Noritsugu Kameyama (Shinshu Univ.) [#] Yuko Kimura (Shinshu Univ.) Kenji Nishida (Shinshu Univ.)	Categories including all G -projective modules	10
02-01-0067	28 Takahide Adachi (Nagoya Univ.) [#] Takuma Aihara (Nagoya Univ.) Aaron Chan (Univ. of Aberdeen)	Classifying two-term tilting complexes for Brauer graph algebras	15
02-01-0071	29 Takahide Adachi (Nagoya Univ.) [#] Takuma Aihara (Nagoya Univ.) Aaron Chan (Univ. of Aberdeen)	Tilting-connectedness of Brauer graph algebras	15
02-01-0040	30 Hiroshi Nagase (Tokyo Gakugei Univ.) [*] Makoto Nagura (Nara Nat. Coll. of Tech.)	Counting regular prehomogeneous vector spaces associated with Dynkin quivers	10
02-01-0062	31 Hideto Asashiba (Shizuoka Univ.) [#] Ken Nakashima (Shizuoka Univ.)	Tilted algebras and configurations of self-injective algebras of Dynkin type	10
02-01-0035	32 Kenichi Shimizu (Nagoya Univ.) [#]	A characterization of unimodular finite tensor categories	15

13:15–14:15 Talk invited by Algebra Section

02-02-0004	Takeshi Ikeda (Okayama Univ. of Sci.) [#]	K -theory of the flag varieties of classical type	
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March 17th (Mon) Conference Room I

9:30–12:00

02-01-0010

33 Ryo Kanda (Nagoya Univ.) Specialization orders on atom spectra of Grothendieck categories 15

02-01-0039

34 Tomohiro Itagaki (Tokyo Univ. of Sci.)[#] The dimension formula of the cyclic homology of truncated quiver algebras over a field of positive characteristic 10
Katsunori Sanada (Tokyo Univ. of Sci.)

02-01-0052

35 Ayako Itaba (Tokyo Univ. of Sci.)[#] On Hochschild cohomology of a self-injective special biserial algebra obtained by a circular quiver with double arrows 10

02-01-0030

36 Takahiko Furuya (Meikai Univ.)[#] On Snashall's question about Hochschild cohomology 10
Takao Hayami (Hokkai-Gakuen Univ.)

02-01-0070

37 Hiroataka Koga (Univ. of Tsukuba)[#] Clifford extensions 15

02-01-0026

38 Izuru Mori (Shizuoka Univ.)[#] Ampleness of group actions on graded algebras 15
Kenta Ueyama (Shizuoka Univ.)

02-01-0053

39 Hideto Asashiba (Shizuoka Univ.)[#] Gluing of derived equivalences along bimodules 10

02-01-0064

40 Satoshi Yamanaka (Okayama Univ.)[#] On Frobenius polynomials in skew polynomial rings 10

02-01-0047

41 Tsunekazu Nishinaka (Okayama Shoka Univ.)[#] On primitivity of group algebras of amalgamated free products 10**14:15–15:00**

02-01-0027

42 Hisayoshi Endo (Tokai Univ.)[#] Discussion on the characteristics of coupled primes 10

02-01-0037

43 Kenichi Shimizu (Kenmei Girls' Junior and Senior High School)^{*} On SP number 10

02-01-0017

44 Masanori Sawa (Nagoya Univ.)[#] On a theorem of Hilbert related to Waring's problem, and Ellison's error 15**15:30–16:30 Award Lecture for 2014 Algebra Prize**

02-02-0001

Hidekazu Furusho (Nagoya Univ.)[#] Various topics around associators**16:45–17:45 Award Lecture for 2014 Algebra Prize**

02-02-0003

Yuji Yoshino (Okayama Univ.)[#] Cohen–Macaulay modules over Cohen–Macaulay rings

March 18th (Tue) Conference Room I

9:00–12:00

02-01-0005

45 Soichi Ikeda (Nagoya Univ.) Characterization of the Euler double zeta function 10
Kaneaki Matsuoka (Nagoya Univ.)

02-01-0007

46 Kaneaki Matsuoka (Nagoya Univ.) Mean values of the derivative of the Hardy function 10

02-01-0016

47 Ade Irma Suriajaya (Nagoya Univ.)[#] On the zeros of the k -th derivative of the Riemann zeta function under the Riemann hypothesis 15

02-01-0018

48 Yoshikatsu Yashiro (Nagoya Univ.)^{*} Approximate functional equation and mean value formula for the derivatives of L -function attached to cusp form 10

- 02-01-0029
49 Kalyan Chakraborty * An inequality for Hecke multiplicative functions 10
(Harish-Chandra Research Inst.)
Makoto Minamide
(Kyoto Sangyo Univ.)
- 02-01-0028
50 Isao Kiuchi (Yamaguchi Univ.) * Mean square formula for double zeta-function 10
Makoto Minamide
(Kyoto Sangyo Univ.)
- 02-01-0068
51 Masanori Katsurada (Keio Univ.) # Transformation formulae and asymptotic expansions for double holo-
Takumi Noda (Nihon Univ.) morphic Eisenstein series of two variables 10
- 02-01-0038
52 Jun Furuya * Mean values of the error term with shifted arguments in the circle
(Okinawa Nat. Coll. of Tech.) problem 10
Yoshio Tanigawa (Nagoya Univ.)
- 02-01-0025
53 Yoshio Tanigawa (Nagoya Univ.) * Mean square of the error term in the asymmetric many dimensional
Xiaodong Cao divisor problem 10
(Beijing Inst. of Petro-Chemical Tech.)
Wenguang Zhai
(China Univ. of Minig and Tech.)
- 02-01-0022
54 Hajime Kaneko (Kyoto Univ.) # On normal numbers and their generalizations 15
- 02-01-0014
55 Taka-aki Tanaka (Keio Univ.) # A new class of Mahler functions 10
- 02-01-0023
56 Soichi Ikeda (Nagoya Univ.) * Sheffer sequences and supplementary formulas 10
- 02-01-0009
57 Takao Komatsu (Hirosaki Univ.) # A note on the denominators of Bernoulli numbers 10
Florian Luca (UNAM)
Claudio de J. Pita Ruiz V.
(Univ. Panamericana)
- 02-01-0058
58 Takafumi Miyazaki (Nihon Univ.) * On the system of Diophantine equations $a^2 + b^2 = (m^2 + 1)^r$ and
 $a^x + b^y = (m^2 + 1)^z$ 15
- 14:15–16:45**
- 02-01-0060
59 Yūsuke Okuyama (Kyoto Inst. Tech.) # A quantitative logarithmic equidistribution in non-archimedean and
complex dynamics 15
- 02-01-0059
60 Yūsuke Okuyama (Kyoto Inst. Tech.) # Algebraic zeros divisors having small diagonals and small heights in
adelic dynamics 15
- 02-01-0049
61 Tetsuya Uematsu (Chuo Univ.) # On zero-cycles on diagonal cubic surfaces over p -adic fields 10
- 02-01-0013
62 Yasufumi Hashimoto * Asymptotic behaviors for sums of class numbers of discriminants with
(Univ. of Ryukyus) Pell-type equations 15
- 02-01-0051
63 Koji Tasaka (Kyushu Univ.) # On periods of modular forms and linear relations among multiple zeta
values 10
- 02-01-0072
64 Hirofumi Nagoshi (Gunma Univ.) * Combining three theorems on the joint universality of L -functions 10
- 02-01-0033
65 Kazuhito Kozuka * A combinatorial-geometric approach to Halbritter's formula for Dedekind
(Miyakonojo Nat. Coll. of Tech.) sums 10
- 02-01-0073
66 Aiichi Yamasaki (Kyoto Univ.) # Class numbers and algebraic tori 10
Akinari Hoshi (Niigata Univ.)
Ming-chang Kang (Nat. Taiwan Univ.)

02-01-0015			
67	Shingo Sugiyama (Osaka Univ.)*	Relative trace formulas and subconvexity estimates of L -functions for Hilbert modular forms	10
	Masao Tsuzuki (Sophia Univ.)		
02-01-0020			
68	Yasushi Mizusawa (Nagoya Inst. of Tech.)	* Semidihedral 2-class field towers and \mathbb{Z}_2 -extensions of real quadratic fields	10
02-01-0021			
69	Yasushi Mizusawa (Nagoya Inst. of Tech.)	* Isometric embeddings of finite fields	10
02-01-0057			
70	Shota Kojima (Rikkyo Univ.)#	Nested square roots and Poincaré functions	10
	Noboru Aoki (Rikkyo Univ.)		