

研究集会

解析的整数論—数論的関数の多重性に関連して
**Analytic Number Theory – related Multiple aspects of
Arithmetic Functions**

京都大学数理解析研究所の共同研究事業の一つとして、下記のように研究集会を催しますのでご案内申し上げます。なおこの集会は科学研究費補助金 [基盤研究 (C): 課題番号 23540032, 課題番号 22540005] などにより一部助成を受けております。

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[Organizer : Takumi Noda (Nihon Univ.)]

記

日時 : 2011 年 10 月 31 日 (月) – 11 月 02 日 (水) [Period : 31 October – 2 November 2011]
場所 : 京都大学数理解析研究所 4 階 420 号室 [Location : Rm420 RIMS (Kyoto Univ. Japan)]
(京都市左京区北白川追分町, 市バス農学部前または北白川下車)

プログラム

10 月 31 日 (月) [Monday, October 31]

10:25–10:30 Opening

10:30–11:10 見正秀彦 (宇部高専) [Hidehiko Mishou (Ube College Tec. /Ube (JPN))]
Joint universality theorem for automorphic L -functions

11:20–12:00 大野泰生 (近畿大学) [Yasuo Ohno (Kinki Univ. /Osaka (JPN))]
TBA

13:30–14:00 Wadim Zudilin (The Univ. of Newcastle /Newcastle (AUS))
Mahler measures and L -series of elliptic curves

14:10–14:40 赤塚広隆 (学振・九州大学) [Hirotaka Akatsuka (JSPS Kyushu Univ. /Fukuoka (JPN))]
Double zeta functions constructed by absolute tensor products

14:50–15:20 佐々木義卓 (近畿大学) [Yoshitaka Sasaki (Kinki Univ. /Osaka (JPN))]
Multiple zeta values and zeta Mahler measures

15:40–16:10 小松尚夫 (弘前大学) [Takao Komatsu (Hirosaki Univ. /Hirosaki (JPN))]
Poly-Cauchy numbers

16:20–16:50 Pattira Ruengsinsub (Kasetsart Univ. / Bangkok (THA))
Prime-free dependence and a generalized convolution

11 月 01 日 (火) [Tuesday, November 01]

09:40–10:10 金子元 (学振・日本大学) [Hajime Kaneko (JSPS Nihon Univ. /Tokyo (JPN))]
On the transcendental degrees of the fields generated by special values of power series

10:20–11:00 Roma Kačinskaitė (Šiauliai Univ. /Šiauliai (LTU))
Joint universality of periodic zeta-functions, Continuous and discrete cases

11:10–12:00 Wladimir Pribitkin (The City Univ. of NY /New York (USA))
Niebur integrals, mock automorphic forms, and harmonic Maass forms

14:00–14:30 桂田昌紀 (慶應大学) [Masanori Katsurada (Keio Univ. /Tokyo (JPN))]
Asymptotic expansions for generalized Epstein zeta-functions and applications

14:45–15:15 中村隆 (東京理科大学) [Takashi Nakamura (Tokyo Univ. Science /Tokyo (JPN))]
Zeros of multiple zeta-functions

15:30–16:00 宗野恵樹 (東京大学・D3) [Keiju Sono (Univ. of Tokyo /Tokyo (JPN))]
Higher moments of Epstein zeta function

16:15–16:45 宮崎隆史 (首都大学東京・D3) [Takafumi Miyazaki (Metro. Univ. Tokyo /Tokyo (JPN))]
Upper bounds for solutions of exponential Diophantine equations with applications to Fibonacci numbers

17:30–19:10 懇親会 [Informal social gathering]

11 月 02 日 (水) [Wednesday, November 02]

09:40–10:10 石川秀明 (長崎大学) [Hideaki Ishikawa (Nagasaki Univ. /Nagasaki (JPN))]
Atkinson type explicit formula for a certain Dirichlet series and its application

10:20–11:00 浜畑芳紀 (関西大学) [Yoshinori Hamahata (Kansai Univ. /Osaka (JPN))]
Higher dimensional Dedekind sums in positive characteristic

11:10–12:00 Abdelmejid Bayad (Univ. d'Evry Val d'Essone /Paris (FRA))
Dedekind sums and values of L -functions at positive integers

14:00–14:30 鈴木正俊 (東京大学) [Masatoshi Suzuki (Univ. of Tokyo /Tokyo (JPN))]
On a sequence of Hilbert spaces of entire functions arising from the Riemann zeta-function

14:40–15:10 渋川元樹 (九州大学・D1) [Genki Shibukawa (Kyushu Univ. /Fukuoka (JPN))]
Bilateral zeta functions and their applications

15:20–15:50 田坂浩司 (九州大学・D1) [Koji Tasaka (Kyushu Univ. /Fukuoka (JPN))]
Double Eisenstein series and its application

16:00–16:30 野田工 (日本大学) [Takumi Noda (Nihon Univ. /Fukushima (JPN))]
A transformation formula for Maass-type Eisenstein series of two variable

16:30–16:40 Closing

– 以上 –