

- Collaborative works are presented by the underlined authors. The talks with * mark are presented through document camera, while \flat marks denote presentations on whiteboards. The speakers with \star marks are professors emeriti.

Real Analysis

September 27th (Sat) Conference Room I

9:00–11:45

- 06-01-0032
1 Toshikazu Watanabe (Nihon Univ.) On fixed point theorems for generalized contractive type mappings in partially ordered sets 15
Masashi Toyoda (Tamagawa Univ.)
- 06-01-0005
2 Yasunori Kimura (Toho Univ.) Approximation of a common fixed point of mappings on a complete geodesic space 15
- 06-01-0013
3 Shin-ya Matsushita (Akita Pref. Univ.) On Douglas–Rachford method 15
Li Xu (Akita Pref. Univ.)
- 06-01-0015
4 Sachiko Atsushiba Convergence theorems for nonlinear mappings by Halpern’s type iterations 15
(Univ. of Yamanashi)
- 06-01-0019
5 Mikio Kato (Kyushu Inst. of Tech.)* On the uniform non- ℓ_1^n -ness of direct sums of Banach spaces 15
Takayuki Tamura (Chiba Univ.)
- 06-01-0026
6 Kiyohisa Tokunaga Proof of integral by parts based on the definition of Riemann integral 15
(Fukuoka Inst. of Tech.)
- 06-01-0003
7 Jun Kawabe Bounded convergence theorem for distribution-based nonlinear integral functionals 15
(信州大学学術研究院理工学域)
- 06-01-0002
8 Shinya Moritoh (Nara Women’s Univ.) Ostrowski’s inequality and its discretization 10
- 06-99-0001
9 Yoshifumi Ito (Univ. of Tokushima)* \flat Laws of natural statistical physics 15
- 06-99-0002
10 Yoshifumi Ito (Univ. of Tokushima)* Concept of natural probability 15

12:10–12:30 Presentation Ceremony for MSJ Analysis Prizes 2014

14:15–16:20

- 06-01-0027
11 Hiroki Saito (Saitama Univ.) Makeya maximal operator (no dilation) with radial weights on the plane 15
- 06-01-0001
12 Takeshi Iida Weighted estimates of higher order commutators generated by BMO -functions and the fractional integral operator on Morrey spaces 15
(Fukushima Nat. Coll. of Tech.)
- 06-01-0018
13 Satoko Sugano * On a Calderón–Zygmund operator of higher order Schrödinger type 15
(Kobe City Coll. of Tech.)
- 06-01-0009
14 Katsuo Matsuoka (Nihon Univ.) On the generalization of fractional integrals and λ -CMO spaces 10
- 06-01-0025
15 Yoshihiro Sawano (Tokyo Metro. Univ.) \flat Atomic decomposition for Morrey spaces 15
Takeshi Iida
(Fukushima Nat. Coll. of Tech.)
Hitoshi Tanaka (Univ. of Tokyo)

- 06-01-0029
16 Yoshihiro Sawano (Tokyo Metro. Univ.)^b Wavelet characterization and modular inequalities for weighted Lebesgue spaces with variable exponent 15
Mitsuo Izuki (Okayama Univ.)
Eiichi Nakai (Ibaraki Univ.)
- 06-01-0028
17 Fumi-Yuki Maeda (Hiroshima Univ.)*^{*} Sobolev and Trudinger type inequalities for potentials of functions in grand Musielak–Orlicz–Morrey spaces 15
Yoshihiro Mizuta (Hiroshima Inst. of Tech.)
Takao Ohno (Oita Univ.)
Tetsu Shimomura (Hiroshima Univ.)
- 06-01-0030
18 Fumi-Yuki Maeda (Hiroshima Univ.)*^{*} Growth properties of Musielak–Orlicz integral means for Riesz potentials 15
Yoshihiro Mizuta (Hiroshima Inst. of Tech.)
Tetsu Shimomura (Hiroshima Univ.)

16:40–17:40 Talk invited by Real Analysis Section

- 06-02-0001
Kenichi Mitani (Okayama Pref. Univ.) On geometrical constants of Banach spaces

September 28th (Sun) Conference Room I

9:00–11:50

- 06-01-0033
19 Akio Ito (Kinki Univ.) Optimal control problems for mathematical model for the process of brewing Japanese Sake with unknown terminal time 15
Nobuyuki Kenmochi (Bukkyo Univ.)
Yusuke Murase (Meijo Univ.)
- 06-01-0011
20 Kentarou Fujie (Tokyo Univ. of Sci.) Global existence and asymptotic behavior of solutions to a model for tumor invasion 15
Akio Ito (Kinki Univ.)
Michael Winkler (Univ. Paderborn)
Tomomi Yokota (Tokyo Univ. of Sci.)
- 06-01-0012
21 Tomomi Yokota (Tokyo Univ. of Sci.) Operator-theoretic approach to a quasilinear nondegenerate parabolic-elliptic Keller–Segel system with growth term 15
Noriaki Yoshino (Tokyo Univ. of Sci.)
- 06-01-0022
22 Shoji Shimizu (Waseda Univ.) The solvability of complex Ginzburg–Landau equation focusing on parabolicity 15
Mitsuharu Ôtani (Waseda Univ.)
- 06-01-0020
23 Shun Uchida (Waseda Univ.) Global attractor of some autonomous double-diffusive convection system 15
Mitsuharu Ôtani (Waseda Univ.)
- 06-01-0010
24 Yutaka Tsuzuki (Tokyo Univ. of Sci.) Solvability of heat equations with hysteresis coupled with Navier–Stokes equations in 2D domains 15
- 06-01-0031
25 Goro Akagi (Kobe Univ.) Doubly nonlinear evolution equations in variable exponent Lebesgue spaces 15
Giulio Schimperna (Univ. di Pavia)
- 06-01-0021
26 Toshitaka Matsumoto Abstract Cauchy problem for weakly continuous operators 15
(Hiroshima Univ.)
Naoki Tanaka (Shizuoka Univ.)
- 06-01-0007
27 Dai Noboriguchi (Waseda Univ.) An existence theorem for a nonhomogeneous Dirichlet problem for a stochastic scalar conservation law 15
Kazuo Kobayasi (Waseda Univ.)
- 06-01-0014
28 Motohiro Sobajima (Univ. of Salento) L^p -theory for second-order elliptic operators with unbounded coefficients in an endpoint class 15

14:15–15:40

06-01-0017

- 29 Hiroshi Watanabe (Salesian Polytech.) Large time behavior for mathematical models of grain boundary motions involving isothermal solidifications 15
Ken Shirakawa (Chiba Univ.)

06-01-0004

- 30 Ken Shirakawa (Chiba Univ.) Energy-dissipative solutions to models of grain boundary motions under isothermal solidifications 15
Hiroshi Watanabe (Salesian Polytech.)

06-01-0008

- 31 Noriaki Yamazaki (Kanagawa Univ.) Singular limit of Allen–Cahn equation with constraints and its Lagrange multiplier 15
Takeshi Fukao (Kyoto Univ. of Edu.)
Mohammad Hassan Farshbaf-Shaker (WIAS)

06-01-0016

- 32 Takeshi Fukao (Kyoto Univ. of Edu.) Cahn–Hilliard equation with dynamic boundary conditions and mass constraints on the boundary 15
Pierluigi Colli (Pavia Univ.)

06-01-0006

- 33 Toyohiko Aiki (Japan Women’s Univ.) Large time behavior of a solution to the free boundary problem describing adsorption phenomena 15
Yusuke Murase (Meijo Univ.)

16:00–17:00 Talk invited by Real Analysis Section

06-02-0002

- Kentarou Yoshii (Tokyo Univ. of Sci.) On the hyperbolic type linear evolution equations