

- 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.

Complex Analysis

September 25th (Thu) Conference Room I

9:00–12:00

- 04-99-0001
1 Shigeyoshi Owa (Yamato Univ.)* Notes on Carathéodory functions involving Möbius transformations ··· 15
- 04-01-0025
2 Masanori Amano (Tokyo Tech) On the limit value of the Teichmüller distance between Jenkins–Strebel rays ··········· 15
- 04-01-0027
3 Yoshihiko Shinomiya (Waseda Univ.) On the numbers of periodic points on Veech surfaces ········· 15
- 04-01-0015
4 Masahiro Yanagishita (Waseda Univ.) Weil–Petersson metric on square integrable Teichmüller spaces ····· 15
- 04-01-0001
5 Hiroshige Shiga (Tokyo Tech) On rigidity and finiteness for Teichmüller curves ········· 15
- 04-01-0002
6 Hiroshige Shiga (Tokyo Tech) Conformal invariants defined by harmonic functions on Riemann surfaces ··········· 15
- 04-01-0003
7 Hiroshige Shiga (Tokyo Tech) Deformation spaces of Kleinian groups ··········· 10
- 04-01-0016
8 Ikkei Hotta (Tokyo Tech) L^d -Loewner chains with quasiconformal extensions ········· 15
- 04-01-0011
9 R. Michael Porter (CINVESTAV) Discrete quasiconformal maps via a linear system ········· 15
Hirokazu Shimauchi (Tohoku Univ.)
- 04-01-0018
10 Hideki Miyachi (Osaka Univ.)* A dynamical approach to the theory of infinitesimal spaces of quasiconformal mappings ··········· 15
- 04-01-0014
11 Masakazu Shiba (Hiroshima Univ.)* Conformal embeddings of an open Riemann surface into closed ones
Hiroshi Yamaguchi (Shiga Univ.)* —Extremal property of period matrices— ··········· 15

14:10–16:50

- 04-01-0023
12 Yuuki Tadokoro The period matrix of the hyperelliptic curve $w^2 = z^{2g+1} - 1$ ······· 15
(Kisarazu Nat. Coll. of Tech.)
- 04-01-0021
13 Junghun Lee (Nagoya Univ.) J -stability of immediately expanding polynomial maps in p -adic dynamics ··········· 15
- 04-01-0024
14 Masashi Kisaka (Kyoto Univ.) Transcendental entire function of slow growth with prescribed polynomial dynamics ··········· 15
- 04-01-0010
15 Hiroyuki Inou (Kyoto Univ.) An implosion arising from saddle connection in 2D complex dynamics
Shizuo Nakane ··········· 15
(Tokyo Polytechnic Univ.)
- 04-01-0026
16 Sachiko Hamano (Fukushima Univ.) Reproducing kernels for the spaces of holomorphic semiexact differentials on annuli ··········· 15
- 04-01-0007
17 Masanori Adachi (Nagoya Univ.) A global estimate for the Diederich–Fornaess index of weakly pseudoconvex domains ··········· 15
Judith Brinkschulte (Univ. Leipzig)

04-01-0004	18	Satoru Shimizu (Tohoku Univ.) ^b	Holomorphic equivalence problem for a class of unbounded Reinhardt domains containing the origin	15
04-01-0022	19	Hiroaki Aikawa (Hokkaido Univ.) Tsubasa Itoh (Tokyo Tech)	Averaging property of capacity	15
04-01-0005	20	Takao Ohno (Oita Univ.) [*] Yoshihiro Mizuta (Hiroshima Inst. of Tech.)	Trudinger's exponential integrability for Riesz potentials of functions in generalized grand Morrey spaces	15
04-01-0020	21	Takao Ohno (Oita Univ.) [*] Tetsu Shimomura (Hiroshima Univ.)	Trudinger's inequality for Riesz potentials of functions in Musielak-Orlicz spaces	10

17:00–18:00 Talk invited by Complex Analysis Section

04-02-0002		Yoshihiro Mizuta (Hiroshima Inst. of Tech.)	Function spaces of variable exponent and Sobolev's theorem	
----------------------------	--	--	--	--

September 26th (Fri) Conference Room I

9:00–10:30

04-01-0006	22	Yukinobu Adachi	* On the Julia directions of the value distribution of nondegenerate transcendental holomorphic maps of \mathbf{C}^2 to \mathbf{C}^2	15
04-01-0008	23	Yukinobu Adachi	* On a high dimensional Riemann's removability theorem	15
04-01-0009	24	Yukinobu Adachi	* On a high dimensional Riemann's mapping theorem	10
04-01-0019	25	Masataka Tomari (Nihon Univ.) [*] Tadashi Tomaru (Gunma Univ.)	On maximal ideal cycle and fundamental cycle of normal two-dimensional singularities with star-shaped resolution, and graded singularities	15
04-01-0012	26	Tatsuhiro Honda (Hiroshima Inst. of Tech.) Hidetaka Hamada (Kyushu Sangyo Univ.) Gabriela Kohr (Babeş-Bolyai Univ.)	Growth and distortion theorems for pluriharmonic mappings	15
04-01-0013	27	Tatsuhiro Honda (Hiroshima Inst. of Tech.) Hidetaka Hamada (Kyushu Sangyo Univ.) Gabriela Kohr (Babeş-Bolyai Univ.) Kwang Ho Shon (Pusan National Univ.)	Strongly starlike mappings in several complex variables	10

13:20–14:20 Talk invited by Complex Analysis Section

04-02-0001		Yukitaka Abe (Univ. of Toyama) [*]	Analytic study of singular curves	
----------------------------	--	---	-----------------------------------	--