

RIMS Workshop on Complex Dynamics 2017

RIMS, Kyoto — December 11-15, 2017

PROGRAM

プログラム

Monday 11 (月)

- 10:00 - 11:00** **Núria FAGELLA** (Universitat de Barcelona)
Wandering domains and singular values
- 11:20 - 12:20** **Romain DUJARDIN** (Université Pierre et Marie Curie)
Degenerations of $SL(2, C)$ representations, and Lyapunov exponents I
- 13:50 - 14:50** **Hiroyuki INOU** (Kyoto University)
On perturbation of a polynomial with parabolic fixed point
- 15:10 - 16:10** **Tomoki KAWAHIRA** (Tokyo Institute of Technology)
Dynamical and parametric Zalcman functions: Similarity between the Julia sets, the Mandelbrot set, and the tricorn
- 16:30 - 17:00** **Shunsuke MOROSAWA** (Kochi University)
Dynamics of semigroups of transcendental entire functions

Tuesday 12 (火)

- 9:30 - 10:30** **Shizuo NAKANE** (Tokyo Polytechnic University)
On formal normal forms of holomorphic germs at super-saddle fixed points
- 10:50 - 11:50** **Shigehiro USHIKI** (Kyoto University)
Reversible complex dynamical systems and exotic rotation domains
- 13:20 - 14:20** **Phil RIPPON** (The Open University)
The structure of the escaping set of a transcendental entire function
- 14:40 - 15:40** **Gwyneth STALLARD** (The Open University)
Wandering domains and commuting transcendental entire functions
- 15:55 - 16:25** **Tomoko SHINOHARA** (Tokyo Met. College of Industrial Technology)
Local invariant set for a rational map of two variables at a fixed indeterminate point
- 16:30 - 17:00** **Leticia PARDO-SIMÓN** (University of Liverpool)
Escaping singular orbits in the class B
- 18:00~** **Conference dinner at the restaurant 門 (Mon)**

Wednesday 13 (水)

- 9:30 - 10:30** **Matthieu ASTORG** (Université d'Orléans)
Collet, Eckmann and the bifurcation measure
- 10:50 - 11:50** **Romain DUJARDIN** (Université Pierre et Marie Curie)
Degenerations of $SL(2, \mathbb{C})$ representations, and Lyapunov exponents II
- 13:20 - 14:20** **Fabrizio BIANCHI** (Imperial College London)
Holomorphic motions of Julia sets
- 14:40 - 15:40** **Yusuke OKUYAMA** (Kyoto Institute of Technology)
Discontinuity of the escape rate of a degenerating meromorphic family of rational maps
- 16:00 - 17:00** **Takato UEHARA** (Saga University)
On a construction of transcendental $K3$ surfaces: application of Arnol'd's theorem

Thursday 14 (木)

- 9:30 - 10:30** **Yutaka ISHII** (Kyushu University)
 M_4 is regular-closed
- 10:50 - 11:50** **Núria FAGELLA** (Universitat de Barcelona)
A wandering domain in class B on which all iterates are univalent
- 13:20 - 14:20** **David MARTÍ-PETE** (Kyoto University)
Fingers in the parameter space of the complex standard family
- 14:40 - 15:40** **Vasiliki EVDORIDOU** (IMPAN)
Non-escaping endpoints of disjoint-type functions
- 15:55 - 16:25** **Kohei UENO** (Daido University)
Bottcher coordinates for holomorphic skew products
- 16:30 - 17:00** **Anand Prakash SINGH** (Central University of Rajasthan)
On escaping sets of composition of transcendental entire functions

Friday 15 (金)

- 9:30 - 10:30** **Hiroki SUMI** (Kyoto University)
Weak mean stability in random holomorphic dynamical systems
- 10:50 - 11:50** **Michel ZINSMEISTER** (Université d'Orléans)
Variations of the Hausdorff dimension of real quadratic Julia sets