Quasiperiodic tiling and related topics
準周期タイリングとその周辺 (RIMS 共同研究 (グループ型))

Date: Monday, 7 October – Wednesday, 9 October, 2019
2019 年 10 月 7 日 (月)–9 日 (水)
Place: Room 201, Building 15, Kyoto University
京都大学総合研究 15 号館 201 号室 (昨年と場所が違います!)

Monday, 7 October 2019

13:30-14:15　Ikuro Sato 佐藤郁郎 (Miyagi Cancer Center 宮城がんセンター)

From ABC to DE
ABC から DE へ

14:30-15:00　Tomoya Tendo 天童智也 (Japan Tessellation Design Association 日本テセレーションデザイン協会)

The variety of kaleidocycles
カレイドサイクルの発展形について その 2

15:10-15:55　Supanut Chaidee (Chiang Mai Univ)

Spherical Laguerre Voronoi diagram: geometrical properties toward applications

16:10-16:55　Yoshikazu Yamagishi 山岸義和 (Ryukoku Univ 龍谷大学), Takamichi Sushida 須志田隆道 (Salesian Polytech サレジオ工業高等専門学校), Jean-François Sadoc (Univ Paris-Sud)

Area convergence of Voronoi tilings on Archimedean spiral lattices

Tuesday, 8 October 2019

9:10-9:30　April Lynne D. Say-awen (De La Salle Univ)

On primitive substitution tiling with finite local complexity and its frequency module

9:40-10:25　Ma. Louise Antonette N. De Las Peñas (Ateneo de Manila Univ)

Symmetry analysis of fabrics

10:40-11:30　Masao Ishikawa 石川雅雄 (Okayama Univ 岡山大学)

Symmetries of domino tilings of Aztec diamonds I

11:45-12:05　Liangyi Huang 黄良益 (Beijing Inst Tech 北京理工大学)

Multifractal analysis of a class of Moran sets

14:00-14:45　Yuki Takahashi 高橋悠樹 (Tohoku Univ AIMR 東北大学)

Separable two-dimensional quasicrystal models

15:00-15:50   Masao Ishikawa 石川雅雄 (Okayama Univ 岡山大学)

> Symmetries of domino tilings of Aztec diamonds II

16:05-16:50   Johannes Schönke (Okinawa Inst Science and Tech 沖縄科学技術大学院大学)

> Möbius kaleidocycles and closed curves of minimal constant torsion

Wednesday, 9 October 2019

9:10-9:55   Mark Loyola (Ateneo de Manila Univ)

> Geometric realizations of regular abstract polyhedra via Wythoff construction

9:55-10:15   Jonn Angel Aranas (Ateneo de Manila Univ)

> Geometric realizations of regular abstract polyhedra with automorphism group H_3

10:30-11:15   Hiromi Ei 江居宏美 (Hirosaki Univ 弘前大学)

> Tilings arising from nearest integer continued fractions over imaginary quadratic fields

11:30-12:15   Shigeki Akiyama 秋山茂樹 (Tsukuba Univ 筑波大学)

> Spiral Delone sets and related Diophantine problems

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