

タイル張りとは準周期性の周辺 Tilings, quasiperiodicity and related topics

Date: Monday, 15 October – Wednesday, 17 October, 2018

Place: RIMS Room 110, Kyoto University

(RIMS 共同研究 (グループ型))

Monday, 15 October 2018

13:30-14:20 杉本晃久 (科学芸術学際研究所)

Heesch 数が正となる凸五角形

14:30-15:30 岡部拓也 (静岡大学)

葉序の生物学概観: 何が問題なのか?

15:40-16:40 岡部拓也 (静岡大学)

葉序の法則と数理

Tuesday, 16 October 2018

9:10-10:00 須志田隆道 (北海道大学), 山岸義和 (龍谷大学)

一般アルキメデス螺旋による葉序的なポロノイタイリング

10:10-11:10 Jean-François Sadoc (Univ Paris-Sud)

Quasi-crystalline Frank-Kasper phases: from metal to micellar structures

11:20-12:10 佐藤郁郎 (宮城県立がんセンター), 秋山仁 (東京理科大学)

高次元液晶の数理

13:30-14:20 Qinghui Liu (北京理工大学)

Multifractal Analysis of a class of Moran Sets

14:30-15:30 Jean-François Sadoc (Univ Paris-Sud)

Phyllotaxis and Quasi-periodicity

15:40-16:30 Mark Loyola (Ateneo de Manila Univ)

Obtaining geometric polytopes from real representations of string C-groups from the icosahedral Coxeter series

16:30-16:50 Jonn Angel Aranas (Ateneo de Manila Univ)

Generating 3D realizations of string C-groups from the icosahedral Coxeter series

Wednesday, 17 October 2018

9:10-9:30 Kristan Liza (Ateneo de Manila Univ)

Semi-perfect colorings of isonemal fabrics by thick stripping

9:30-9:50 Mark Tomenes (Ateneo de Manila Univ)

Isotoxal tilings with congruent edge coronae

10:00-10:50 Ma. Louise Antonette N. De Las Peñas (Ateneo de Manila Univ)

New families of planar k-isocoronal tilings

11:00-11:50 秋山茂樹 (筑波大学)

極小凸多面体について

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