Branched Coverings, Degenerations, and Related Topics 2020

Date: 06 (Fri) - 10 (Tue) March, 2020
Venue: Tokushima University, Josanjima Campus
Room: Liberal Arts and Sciences Building No.4 No. 201
        (other than 8th Mar)
        Liberal Arts and Sciences Building No.6 No. 201 (on 8th Mar)

Organizers: Osamu Saeki (Kyushu), Makoto Sakuma (Hiroshima),
Ichiro Shimada (Hiroshima), Taketo Shirane (Tokushima),
Hiroo Tokunaga (Tokyo Metropolitan), Masahiko Yoshinaga (Hokkaido)

6 March (Fri)

10:00–11:00   Akira Ohbuchi (Tokushima)
Galois lines of Bring curve
11:20–12:20   Kohei Iwaki (Nagoya)
Exact WKB analysis and topological recursion I
   Lunch
13:50–14:50   Satoru Fukasawa (Yamagata)
Algebraic curves admitting two or more Galois points
15:10–16:10   Takahiro Nagaoka (Kyoto)
The universal covers of hypertoric varieties and Bogomolov's decomposition
16:30–17:00   Yusuke Yoshida (Hiroshima)
Invariant plane curves under the alternating group A_6
17:00–17:30   Tan Nhat Tran (Hokkaido)
Quasi-polynomials in arrangement and Ehrhart theories

7 March (Sat)

10:00–11:00   Kohei Iwaki (Nagoya)
Exact WKB analysis and topological recursion II
11:20–12:20   Masaki Tsukamoto (Kyushu)
Mean dimension of dynamical systems and information theory I
   Lunch
13:50–14:50   Kei Miura (Ube)
Galois and quasi-Galois points and complex reflection groups
15:10–16:10   Jose Ignacio Cogolludo-Agustin (Zaragoza)
Local analytic invariants of curves embedded in surface singularities
16:30–17:30   Benjamin Bode (Osaka)
Fibered links, singularities and branched covers

8 March (Sun)

10:00–11:00   Masaki Tsukamoto (Kyushu)
Mean dimension of dynamical systems and information theory II
11:20–12:20   Tamas Kalman (Tokyo Institute of Technology)
Floer homology and the Homfly polynomial
    Lunch
13:50–14:20   Shunsuke Sakai (Hiroshima)
Classification of parabolic generating pairs of 2-bridge link groups according to Agol
14:20–14:50   Kosuke Komeda (Hiroshima)
Singularities of the dual curve of a certain plane curve in positive characteristics

9 March (Mon)

10:00–11:00   Tamas Kalman (Tokyo Institute of Technology)
The Tutte polynomial for polymatroids
11:20–12:20   Liam Watson (British Columbia)
Khovanov homology and mutation
    Lunch
13:50–14:50   Yuta Nozaki (Meijie)
Abelian quotients of the Y-filtration on the homology cylinders via the LMO functor
15:10–16:10   Hokuto Konno (RIKEN)
The diffeomorphism and homeomorphism groups of K3
16:30–17:30   Pho Duc Tai (Vietnam National University of Science, Hanoi)
On geometry of Edwards curves

10 March (Tue)

10:00–11:00   Andrew Lobb (Durham, visiting OIST)
Khovanov homology and strong inversions

11:20–12:20   Eiko Kin (Osaka)
Asymptotic translation length of pseudo-Anosov maps on the curve complex