

The 3rd KOOK-TAPU Joint Seminar on Knot Theory and Related Topics
PROGRAM

July 25 Monday

9:30–9:40 Opening

9:40–10:20 Taizo Kanenobu (Osaka City University)

Band surgery on 2-component links

10:30–11:10 Yongju Bae (Kyungpook National University)

Coloring link diagrams by Alexander quandles

11:20–12:00 Ikuo Tayama (OCAMI, Osaka City University)

Enumerating 3-manifolds of lengths up to 10 with doubly cyclic first homology groups

July 26 Tuesday

9:20–10:00 Sang Youl Lee (Pusan National University)

On the index and arrow polynomials of periodic virtual links

10:05–10:45 Toshifumi Tanaka (Gifu University)

On symmetry of the Jones polynomial of ribbon knots

10:55–11:35 Hiromasa Moriuchi (OCAMI, Osaka City University)

On connected sum of theta-curves

11:40–12:20 Yoshihisa Sato (Kyushu Institute of Technology)

The base loci and the Kodaira dimension of Lefschetz pencils

July 27 Wednesday

9:30–10:10 Dongseok Kim (Kyonggi University)

Seifert surfaces derived from induced graphs

10:20–11:00 Sumiko Horiuchi (Tokyo Woman's Christian University)

A two dimensional lattice of knots by C_n -moves (jointly with Yoshiyuki Ohyama)

11:10–11:50 Yoshikazu Yamaguchi (Tokyo Institute of Technology)

Twisted Alexander polynomial of knots in finite cyclic branched covers of the 3-sphere (jointly with Jerome Dubois)

July 28 Thursday

9:30–10:10 Myungsoo Seo (Kyungpook National University)

Periodic virtual links and VA-polynomial of virtual links

10:20–11:00 Yoshiro Yaguchi (Hiroshima University)

Hurwitz action on tuples of simple braids

11:10–11:50 Takahito Kuriya (OCAMI, Osaka City University)

Mosaic quantum knots

July 29 Friday

9:20–10:00 Mingxing Zhang (Dalian University of Technology, OCAMI, JSPS)

TBA

10:05–10:45 Rama Mishra (Indian Institute of Science Education and Research, Pune, India)

Projective knots

10:55–11:35 Ayaka Shimizu (OCAMI, Osaka City University)

On region crossing changes

11:40–12:20 Young-Ho Im (Pusan National University)

A four variable index polynomial invariant of long virtual knots