

Knot Theory, Geometric Lie Group Theory and Its Application 2025

Date : March 18 - 19, 2026

**Place : Tokyo University of Science, Kagurazaka Campus
Morito Memorial Hall, Forum No.1**

Program

March 18

• 10:00 - 10:50

Speaker: ByeORhi Kim (POSTECH, Korea)

Title: On the construction of foldings of branched covers along knots

• 11:10 - 12:00

Speaker: Kurando Baba (Tokyo University of Science)

Title: Backward mean curvature flow starting from equifocal submanifolds
and building structures

Lunch

• 14:00 - 14:25

Speaker: Mirei Itabashi (Ochanomizu University)

Title: Characterization of quandle obtained from skew brace

• 14:45 - 15:35

Speaker: Satoshi Yamaguchi (The University of Osaka)

Title: On the index of the Dirac Operator on the Lattice

• 15:55 - 16:45

Speaker: Sam Nelson (Claremont Mckenna College, USA)

Title: Biquandle Virtual Bracket Quivers

party (17:30~19:30)

March 19

• 10:15 - 11:05

Speaker: Toru Kajigaya (Tokyo University of Science)

Title : Non-existence of stable discrete maps into homogeneous spaces
of non-negative curvature

• 11:20 - 12:10

Speaker: Yuka Kotorii (Hiroshima University)

Title: On the Habegger-Lin algorithm for link-homotopy classes of links

Lunch

• 14:15 - 14:40

Speaker: Ayu Suzuki (Japan Women's University)

Title: On embedding of homogeneous quandles and its examples

• 15:00 - 15:50

Speaker: Etsuo Segawa (Yokohama National University)

Title: A comfortable graph embedding on surfaces for quantum walks