

— THE 23RD AFFINE ALGEBRAIC GEOMETRY MEETING —

DATE: 4 MARCH – 6 MARCH, 2025

VENUE: 新潟大学・駅南キャンパス『ときめいと』 NIIGATA UNIVERSITY SATELLITE
CAMPUS TOKIMEITO

Program

★ 4th March (Tuesday)

- 10:00–11:00: Takuzo Okada (Kyushu University, Fukuoka)
Birational geometry of sextic double solids
- 11:15–12:15: Masatomo Sawahara (Hirosaki University, Hirosaki)
Minimal compactifications of the affine plane with only star-sharped singularities
- 14:00–15:00: Masayoshi Miyanishi (Kwansei Gakuin University, Sanda)
Descending chain condition for finite morphisms of algebraic varieties (with R.V. Gurjar)
- 15:15–16:15: Niklas Lemcke (Waseda University, Tokyo)
Vanishing of nef and big Witt-divisorial sheaves in positive characteristic
- 16:30–17:30: Masaru Nagaoka (Gakushuin University, Tokyo)
Completion of the affine 3-space into sextic del Pezzo fibrations

★ 5th March (Wednesday)

- 10:00–11:00: Hirokazu Nasu (Tokai University, Hiratsuka)
Stably degenerate and obstructed curves on a del Pezzo surface
- 15:15–16:15: Joonyeong Won (Ewha Womans University, Seoul, Korea)
On singular del Pezzo surfaces embedded in weighted projective spaces
- 14:00–15:00: Ayako Kubota (Saitama University, Saitama)
Some examples of the invariant Hilbert scheme of the nilpotent orbit closures of type A
- 15:15–16:15: Ryuji Tanimoto (Shizuoka University, Shizuoka)
Homomorphisms from $SL(2, k)$ to $SL(4, k)$ in positive characteristic
- 16:30–17:30: Kayo Masuda (Kwansei Gakuin University, Sanda)
A smooth acyclic affine fourfold with a free \mathbb{G}_a -action and an equivariant \mathbb{A}^3 -fibration

★ 6th March (Thursday)

■ 9:30–10:30: Paul Alexander Helminck (Tohoku University, Sendai)

Non-linear complex matroids, hyperplane arrangements and pair-of-pants decompositions

■ 10:45–11:45: Daisuke Matsushita (Hokkaido University, Sapporo)

On deformation of pairs of symplectic varieties and Lagrangian subvarieties

■ 13:30–14:30: Kenta Hashizume (Niigata University, Niigata)

On minimal model program for log canonical pairs in complex analytic setting

■ 14:45–15:45: Takanori Nagamine (Nihon University, Tokyo)

TBA

Organizers:

Hideo Kojima (Niigata University)

Takashi Kishimoto (Saitama University)

Adrien Dubouloz (Université de Bourgogne, Université de Poitiers)