

— THE 17TH AFFINE ALGEBRAIC GEOMETRY MEETING —

DATE: 7 TH MARCH – 10 TH MARCH, 2019

PLACE: KWANSEI GAKUIN UNIVERSITY, OSAKA UMEDA CAMPUS, ROOM 1408

PROGRAM

★ 7 th March (Thursday)

- 10:30–11:30: Takanori NAGAMINE (Niigata University)
Factorial rational varieties which admit or fail to admit an elliptic \mathbb{G}_m -action
- 11:45–12:45: Kayo MASUDA (Kwansei Gakuin University)
Hypersurfaces with \mathbb{G}_a -actions
- 14:15–15:15: Ryuji TANIMOTO (Shizuoka University)
Exponential matrices of Heisenberg groups in positive characteristic
- 15:30–16:30: Kentaro MITSUI (Kobe University)
Models of torsors under algebraic groups
- 16:45–17:45: Taro HAYASHI (Kinki University)
Finite groups of K3 surfaces with smooth quotients

★ 8 th March (Friday)

- 10:30–11:30: Riku KUDO (Waseda University)
Generalized Zariski cancellation problem and bundles over pre-varieties
- 11:45–12:45: Adrien DUBOULOZ (Université de Bourgogne)
Torus actions on normal affine varieties
- 14:15–15:15: Masayoshi MIYANISHI (Kwansei Gakuin University)
Triviality of affine space fibration
- 15:30–16:30: Masatomo SAWAHARA (Saitama University)
Cylinders in weak del Pezzo fibrations

- 16:45–17:45: Jooneyong Won (Institute for Basic Science)

Alpha invariant of weighted Fano threefolds under certain rigidities

★ 9 th March (Saturday)

- 10:30–11:30: Taro SANO (Kobe University)

On quasi-smooth weighted complete intersections

- 11:45–12:45: Florin AMBRO (Institute of Mathematics "Simion Stoilow" of the Romanian Academy)

Seshadri successive minima

- 14:15–15:15: Masaru NAGAOKA (University of Tokyo)

On compactifications of contractible affine threefolds into del Pezzo fibrations

- 15:30–16:30: Tomoaki OHTA (Kyushu Sangyo University)

Compactifications of $\mathbb{A}_{\mathbb{C}}^3$ and Abhyankar-Sathaye Embedding Conjecture

- 16:45–17:45: Karol PALKA (Polish Academy of Science)

On the structure of open surfaces of negative Kodaira dimension

★ 10 th March (Sunday)

- 10:30–11:30: Shouya YASUDA (Tokyo Metropolitan University)

New co-tame automorphisms of a polynomial ring

- 11:45–12:45: Shigeru KURODA (Tokyo Metropolitan University)

TBA

REMARK. Please refer to the following page of Kwansai Gakuin University, Osaka Umeda Campus about an information on the meeting place:

http://global.kwansei.ac.jp/kwansei_m_001039.html

Organizers:

Hideo Kojima (Niigata University)

Takashi Kishimoto (Saitama University)

Adrien Dubouloz (Université de Bourgogne)

Kayo Masuda (Kwansei Gakuin University)