

— THE 15TH AFFINE ALGEBRAIC GEOMETRY MEETING —

DATE: 2ND MARCH – 5TH MARCH, 2017

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

PROGRAM

★ 2nd March (Thursday)

- 10:30–11:30: Hideo KOJIMA (Niigata University)

Normal del Pezzo surfaces of rank one with log canonical singular points

- 11:45–12:45: Taro SANO (Kobe University)

Deformations of cones over K3 surfaces

- 14:30–15:30: Eiichi SATO (Kyushu University)

On surjective morphisms between Fano manifolds of Picard number one

- 15:45–16:45: Natsuo SAITO (Hiroshima City University)

Equisingular families of rational double points in characteristic 2

- 17:00–18:00: Takeshi TAKAHASHI (Niigata University)

On the number of Galois Weierstraß points whose semigroups are generated by two elements

★ 3rd March (Friday)

- 10:30–11:30: Ryuji TANIMOTO (Shizuoka University)

A note on the Weitzenböck problem in dimension four

- 11:45–12:45: Hirokazu NASU (Tokai University)

Obstructions to deforming curves lying on a K3 surface in a Fano 3-fold

- 14:30–15:30: Isac HEDÉN (RIMS)

On the Makar-Limanov invariant of certain affine hypersurfaces

- 15:45–16:45: Masayoshi MIYANISHI (Kwansei Gakuin University)

Remarks on the generalized Jacobian conjecture for \mathbb{A}^2/G

- 17:00–18:00: Adrien DUBOULOZ (Université de Bourgogne)

Exotic \mathbb{A}^1 -contractible affine threefolds

★ 4th March (Saturday)

- 10:30–11:30: Masaru NAGAOKA (The University of Tokyo)

Contractible affine threefolds in smooth Fano threefolds

- 11:40–12:40: Karol PALKA (Institute of Mathematics Polish Academy of Sciences)

How to classify \mathbb{Q} -homology planes of general type ?

- 14:00–15:00: Joonyeong WON (Institute for Basic Science (IBS))

K-stability of smooth del Pezzo surfaces

- 15:15–16:15: Takeru FUKUOKA (The University of Tokyo)

On the existence of almost Fano threefolds with del Pezzo fibrations

- 16:30–17:30: Takuzo OKADA (Saga University)

On stable rationality of del Pezzo fibrations

★ 5th March (Sunday)

- 10:30–11:30: Hiroyuki ITO (Tokyo University of Science)

On quasi-hyperelliptic fibrations

- 11:45–12:45: Pierre-Marie POLONI (University of Bern)

The Jonquières subgroup is a Borel subgroup

- 14:15–15:15: Shigeru KURODA (Tokyo Metropolitan University)

Hilbert's Fourteenth Problem and field modifications

- 15:30–16:30: Akinari HOSHI (Niigata University)

Rationality problem for fields of invariants

REMARK. Please refer to the following page of Kwansai Gakuin University, Osaka Umeda Campus for 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)