— THE 18TH AFFINE ALGEBRAIC GEOMETRY MEETING —

DATE: 5 TH MARCH – 7 TH MARCH, 2020

PLACE: SAITAMA UNIVERSITY, (KISO-SURI ENSYUSHITSU), 3RD FLOOR, SCHOOL OF SCIENCE -1ST BUILDING

PROGRAM

⋆ 5 th March (Thursday)

- 10:30–11:30:   Takanori NAGAMINE (Niigata University)
  A family of strongly invariant algebras

- 11:45–12:45:   Riku KUDO (Waseda University)
  Generalized Zariski cancellation problem and principal $\mathbb{G}_a$-bundles

- 14:15–15:15:   Ryuji TANIMOTO (Shizuoka University)
  Exponential matrices of size five-by-five

- 15:30–16:30:   Buddhadev HAJRA (Indian Institute of Technology, Bombay)
  Zariski's finiteness theorem and properties of some rings of invariants

- 16:45–17:45:   Shigeru KURODA (Tokyo Metropolitan University)
  Finitely generated polynomial subalgebras without finite SAGBI bases

⋆ 6 th March (Friday)

- 10:30–11:30:   Masaru NAGAOKA (University of Tokyo)
  $\mathbb{G}_a^3$-structures on del Pezzo fibrations

- 11:45–12:45:   Pedro MONTERO (Universidad Tecnica Santa Maria, Valparaiso)
  Equivariant compactifications of the vector group into smooth Fano manifolds

- 14:15–15:15:   Masayoshi MIYANISHI (Kwansei Gakuin University)
  Generalized Jacobian Conjecture for $\mathbb{A}^2/G$ and $\mathbb{P}^2 \setminus C$

- 15:30–16:30:   Karol PAŁKA (Polish Academy of Sciences, Warsaw)
  Generalized Jacobian Conjecture and deformations

- 16:45–17:45:   Tomasz PEŁKA (University of Bern, Bern)
  $\mathbb{Q}$-homology planes satisfying the Negativity Conjecture

$\star$ 7 th March (Saturday)

- 10:00–11:00:   Katsuhiko OKUMURA (Waseda University)
  SNC log symplectic structures on Fano products

- 11:15–12:15:   Kenta HASHIZUME (University of Tokyo)
  On minimal model theory for log canonical pairs with big boundary divisors

- 12:30–13:30:   Masatomo SAWAHARA (Saitama University)
  Cylinders in canonical del Pezzo fibrations

REMARK.   Please refer to the following page of Saitama University about the access to the university and campus map:

`http://en.saitama-u.ac.jp`

Organizers:–:

Hideo Kojima (Niigata University)
Takashi Kishimoto (Saitama University)
Adrien Dubouloz (Université de Bourgogne)
Kayo Masuda (Kwansei Gakuin University)