

The 6th Affine Algebraic Geometry Meeting

Kwansei Gakuin University, Osaka, September 2–5, 2010

PROGRAM

September 2

- 10:30 ~ 11:30 Mikiya Tanaka (Kwansei Gakuin University)
Locally nilpotent module derivations and Hilbert's 14th problem
- 11:45 ~ 12:45 Norihiro Wada (Niigata University)
Some results on the kernels of higher derivations
on $k[x, y]$ and $k(x, y)$
- 14:30 ~ 15:30 Satoru Fukasawa (Yamagata University)
Projective geometry of the Gauss map in positive characteristic
- 15:50 ~ 16:50 Hiroyuki Ito (Hiroshima University)
Equisingular loci of simple singularities in positive characteristic

September 3

- 10:30 ~ 11:30 Masato Kobayashi (Saitama University)
Enumeration of bigrassmannian permutations below a permutation
in Bruhat order
- 11:45 ~ 12:45 Jun-ichi Nishimura (Osaka Electro-Communication University)
A few examples of local rings
- 14:15 ~ 15:15 Tadasuke Yasumura (Tokyo Metropolitan University)
Characterization of non-Galois triple coverings over the projective plane
branched along quintic curves
- 15:30 ~ 16:30 Akiho Nishino (Tokyo Metropolitan University)
Stable tameness of some two-dimensional polynomial automorphisms
over a domain
- 16:45 ~ 17:45 Yoshifumi Takeda (Wakayama Medical University)
Pre-Tango structures and Mumford's example

September 4

- 10:30 ~ 11:30 Natsuo Saito (Hiroshima City University)
On the multicanonical system of quasi-elliptic surfaces
- 11:45 ~ 12:45 Mitsuyasu Hashimoto (Nagoya University)
Purity of algebra maps and invariant theory
- 14:30 ~ 15:30 Keita Tono (Saitama University)
On rational cuspidal plane curves
- 15:50 ~ 16:50 Shigeru Kuroda (Tokyo Metropolitan University)
Local slice construction and wild automorphisms

September 5

- 10:30 ~ 12:00 Teruo Asanuma (Toyama University)
Topology of singularities of polynomial curves
with the Jacobian non-zero constant
- 13:30 ~ 14:30 Nobuharu Onoda (Fukui University)
Some patching results on algebras over two-dimensional
factorial domains
- 14:45 ~ 15:45 Takashi Kishimoto (Saitama University)
Affine uniruledness and G_a -actions on affine algebraic varieties

Organizers: T. Kishimoto, S. Kuroda, H. Kojima