

The 13th Algebra-Analysis-Geometry Seminar

February 13 (Tuesday) – 16 (Friday), 2018
Room 101

PROGRAM

February 13 (Tuesday)

- 12:30-13:00 registration
- 13:00-13:50 Eiichi Sato (Kyushu University)
“On surjective holomorphic maps between Fano manifolds”
- 14:00-14:50 Masaharu Ishikawa (Tohoku University)
“Singularity at infinity of real polynomial maps of two variables”
- 15:10-16:00 Kazuhiro Kawamura (University of Tsukuba)
“Hochschild cohomologies of Lipschitz algebras over compact Riemannian manifolds”
- 16:10-17:00 Tadashi Ashikaga (Tohoku Gakuin University)
“Castelnuovo-Horikawa index of genus 3 via signature divisor”

February 14 (Wednesday)

- 10:00-10:50 Dominik Wrazidlo (Kyushu University)
“Fold maps, positive topological field theories, and exotic spheres”
- 11:00-11:50 Shinnosuke Okawa (Osaka University)
“Derived equivalence and Grothendieck ring of varieties”
- 13:30-14:20 Yoshinori Gongyo (University of Tokyo)
“ネフ反標準束と有理連結ファイブレーション”
- 14:30-15:20 Kohei Yahiro (University of Tokyo)
“Integral transforms of D -modules on partial flag varieties”
- 15:40-16:30 Thomas Reichelt (Universitaet Heidelberg)
“Hodge theory of GKZ systems”
- 16:40-17:30 Osamu Saeki (Kyushu University)
“Simplifying indefinite fibrations and trisections of 4-manifolds”

February 15 (Thursday)

- 10:00-10:50 Yujiro Kawamata (University of Tokyo)
“*DK* 予想について”
- 11:00-11:50 Wim Veys (KU Leuven)
“Zeta functions and oscillatory integrals for meromorphic functions”
- 13:30-14:20 Toshitake Kohno (University of Tokyo)
“Higher category extensions of holonomy maps and representations of braid cobordisms”
- 14:30-15:20 Takato Uehara (Saga University)
“超越的な複素 $K3$ 曲面の構成”
- 15:40-16:30 Manabu Akaho (Tokyo Metropolitan University)
“ J -holomorphic curves in symplectic topology”
- 16:40-17:30 Mutsuo Oka (Tokyo University of Science)
“Smooth mixed projective curves and a conjecture”
- 19:00- conference dinner

February 16 (Friday)

- 10:30-11:20 Ken-ichi Yoshikawa (Kyoto University)
“Enriques manifolds and analytic torsion”
- 11:30-12:20 Kanehisa Takasaki (Kindai University)
“ $3D$ Young diagrams and Gromov-Witten theory of $\mathbb{C}P^1$ ”

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