

2009

代数幾何学シンポジウム

記録

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於 兵庫県立城崎大会議館
(2009 年 10 月 27 日～10 月 30 日)

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Algebraic Geometry Symposium in Kinosaki

October 26 – 30, 2009

Program

October 27 (Tue)

- 9:30 ~ 10:30 Kyoji Saito (IPMU)
Primitive forms of types $A_{\frac{1}{2}\infty}$ and $D_{\frac{1}{2}\infty}$
- 10:45 ~ 11:45 Kiwamu Watanabe (Waseda University)
Lengths of chains of minimal rational curves on Fano manifolds
- 13:30 ~ 14:30 Nick Shepherd-Barron (University of Cambridge)
Exceptional loci on A_g
- 14:45 ~ 15:45 Shushi Harashita (Kobe University)
The supremum of Newton polygons of p -divisible groups with a given p -kernel type
- 16:00 ~ 17:00 Gerard van der Geer (Universiteit van Amsterdam)
The rank-one limit of the Fourier-Mukai transform

October 28 (Wed)

- 9:30 ~ 10:30 Junjiro Noguchi (University of Tokyo)
Theory of holomorphic curves and related topics
- 10:45 ~ 11:45 Akito Futaki (TIT)
Multiplier ideal sheaves and integral invariants
- 12:00 ~ 13:00 Poster Session
- 14:45 ~ 17:00 Discussion

October 29 (Thu)

- 9:30 ~ 10:30 Mitsuyasu Hashimoto (Nagoya University)
Equivariant sheaves and their applications to invariant theory
- 10:45 ~ 11:45 Yoichi Mieda (Kyushu University)
Integral log crystalline cohomology and algebraic correspondences
- 13:30 ~ 14:30 Osamu Iyama (Nagoya University)
Cluster tilting for non-isolated singularities
- 14:45 ~ 15:45 Izuru Mori (Shizuoka University)
Quantum ruled surfaces defined by quivers
- 16:00 ~ 17:00 Colin Ingalls (University of New Brunswick)
Spaces of Linear Modules on Regular Graded Clifford algebras

October 30 (Fri)

- 9:00 ~ 10:00 Yasunari Nagai (University of Tokyo)
On O'Grady's 10 dimensional example
- 10:15 ~ 11:15 Tadashi Ashikaga (Tohoku Gakuin University)
Localization of signature of fibered surfaces

Poster Session

- Alvaro Nolla de Celis (Nagoya University)
Resolution of dihedral orbifolds
- Stephen Coughlan (Warwick)
Key varieties and surfaces of general type
- Katsuhisa Furukawa (Waseda University)
Defining ideal of the Segre locus in arbitrary characteristic
- Tatsuki Hayama (Osaka University)
The Neron models as logarithmic manifolds
- Martin Herschend (Nagoya University)
The Clebsch-Gordan problem for quiver representations
- Kentaro Mitsui (Kyoto University)
Classification of rigid analytic surfaces
- Hiroyuki Nakaoka (University of Tokyo)
General heart construction on a triangulated category
- Hisanori Ohashi (RIMS)
On the MWL of some elliptic K3 surface in char. 11
- Taro Sano (University of Tokyo)
Seshadri constants on rational surfaces with anticanonical pencils
- Tadakazu Sawada (Tohoku University)
A sufficient condition for splitting of arithmetically Cohen-Macaulay bundles on general hypersurfaces
- Yui Sekiya (Nagoya University)
McKay quiver representations and tiltings
- Kenichiro Shirakawa (Osaka University)
Global monodromy modulo 5 of quintic-mirror family
- Shingo Taki (Nagoya University)
Non-symplectic automorphisms of 3-power order on K3 surfaces
- Kenta Watanabe (Osaka University)
On the construction of complete fan associated to the moduli space of PLH structures
- Kazunori Yasutake (Kyushu University)
Classification of rank 2 weak Fano bundles on Projective space

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