

2015

代数幾何学シンポジウム

記録

平成 27 年度科学研究費補助金 基盤研究 (S)
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於 城崎国際アートセンター
(2015 年 10 月 20 日～10 月 23 日)

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Kinosaki symposium on algebraic geometry 2015

Date : Oct. 19, 2015 (Mon) — Oct. 23, 2015 (Fri)
 Venue : Kinosaki International Arts Center
 : (Yushima 1062, Kinosaki, Toyo-oka, Hyogo 669-6101)
 Phone : +81-796-32-3888 (Tsutaya-Seirantei : +81-796-32-2511)

Program

Oct. 20 (Tue)

- 9:30 ~ 10:30 Natsuo Saito (Hiroshima City University)
 Characterization of non- F -split del Pezzo surfaces
- 10:45 ~ 11:45 Yifei Chen (Chinese Academy of Sciences)
 Iitaka conjecture of Kodaira dimension in positive characteristic
- 13:30 ~ 14:30 Yoshifumi Tsuchimoto (Kochi university)
 Dolbeault complex of non-commutative projective varieties
- 14:45 ~ 15:45 Takeo Nishinou (Rikkyo University)
 Degeneration and curves on K3 surfaces
- 16:00 ~ 17:00 Tatsuyuki Hikita (Kyoto University)
 On an algebro-geometric realization of the cohomology ring
 of conical symplectic resolutions

Oct. 21 (Wed)

- 9:30 ~ 10:30 Shin-ichi Matsumura (Tohoku University)
 An injectivity theorem with multiplier ideal sheaves
 for higher direct images under Kähler morphisms
- 10:30 ~ 11:30 Poster session
- 11:30 ~ 12:30 Alex Degtyarev (Bilkent University)
 Projective spaces in Fermat varieties
- 14:15 ~ 17:00 Free discussion

Oct. 22 (Thu)

- 9:30 ~ 10:30 Amaël Broustet (Université de Lille 1, Laboratoire Paul Painlevé)
Singularities of varieties admitting an endomorphism
- 10:45 ~ 11:45 Kyounghee Kim (Florida State University)
No smooth Julia sets for polynomial diffeomorphisms of \mathbb{C}^2
with positive entropy
- 13:30 ~ 14:30 Genki Ouchi (University of Tokyo, Kavli IPMU)
Lagrangian embeddings of cubic fourfolds containing a plane
- 14:45 ~ 15:45 Dulip Piyaratne (University of Tokyo, Kavli IPMU)
Fourier-Mukai transforms and stability conditions
- 16:00 ~ 17:00 Mikhail Kapranov (University of Tokyo, Kavli IPMU)
Perverse Schobers in birational geometry

Oct. 23 (Fri)

- 9:00 ~ 10:00 Akihiro Kanemitsu (University of Tokyo)
Campana-Peternell conjecture for n -folds with $\rho > n - 5$
- 10:15 ~ 11:15 Osamu Fujino (Kyoto University)
On the foundations of the minimal model program

The nearest station is Kinosaki-Onsen of JR San-in Main Line. On the first day (Oct. 19(Mon)), the dinner starts at 18:30.

We are looking forward to seeing you in Kinosaki.

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Organizers: A. Ishii (Hiroshima), Y. Gongyo (Tokyo), N. Takahashi (Hiroshima)