

COE seminar on Algebraic Geometry - dedicated to Professor Noam D. Elkies

Date : September 3, 4, 5 (2007)

**Place : Middle Conference Room
Raiosha BLDG, Hiyoshi Campus
Keio University**

Speakers and Schedule

Sep.3

14:30 - 15:30 JongHae Keum (KIAS)

Finite automorphism groups of $K3$ surfaces in positive characteristic

16:00 - 17:00 Shinya Kitagawa (Osaka U.)

Mordell-Weil lattices of hyperelliptic rational surfaces of genus two

Sep.4

14:30 - 15:30 Natsuo Saito (Hiroshima City U.)

On certain Calabi-Yau threefolds in positive characteristic

16:00 - 17:00 Ichiro Shimada (Hokkaido U.)

Transcendental lattices and supersingular reduction lattices of a singular $K3$ surface

18:00 - dinner party (Hiyoshi)

Sep.5

13:30 - 14:30 Hiroyuki Ito (Hiroshima U.)

Deformation of singularities and Mordell-Weil lattices in positive characteristic

15:00 - 16:00 Tomohide Terasoma (U. Tokyo)

A generalization of arithmetic geometric mean related to periods of $K3$ surfaces

Advisory Board : JongHae Keum (KIAS), Masato Kurihara (Keio U.)

Organizer : Keiji Oguiso (Keio U./KIAS)

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