

玉原数論幾何研究集会

Workshop on Arithmetic Geometry at Tambara

2009年5月25日 – 29日

東京大学玉原国際セミナーハウス (群馬県沼田市上発知町玉原高原)
Tambara Institute of Mathematical Sciences, The University of Tokyo

学術振興会先端研究拠点プログラム 18005 「数論幾何・モチーフ理論・ガロア理論の新展開と、その社会的実用」
東京大学数理科学研究科 グローバル COE 事業 「数学新展開の研究教育拠点」

Monday 25

13:10 Meeting at Jomo-Kogen station

14:00 Arrival & Registration

15:00 – 16:00 Bruno Kahn (Inst. Math. Jussieu) : Nilpotence, representability and Yoneda's lemma.

16:30 – 17:30 Shun-ichi Kimura (Hiroshima Univ.) : On determinantal conjecture.

18:00 – 19:00 Dinner

Tuesday 26

7:30 – 8:30 Breakfast

9:00 – 10:00 Kanetomo Sato (Nagoya Univ.) : Higher cycle class map for p -adic étale Tate twists.

10:30 – 11:30 Lars Hesselholt (Nagoya Univ.) : K -theory of the dual numbers over the integers.

12:00 – 13:00 Lunch

13:30 – 17:00 Excursion

18:00 – 19:00 Dinner

Wednesday 27

7:30 – 8:30 Breakfast

9:00 – 10:00 Jinhyun Park (KAIST) : A moving lemma for additive higher Chow groups.

10:30 – 11:30 Marc Levine (Northeastern Univ.) : Mixed Tate motives and fundamental groups.

12:00 – 13:00 Lunch

15:00 – 16:00 Shuji Saito (Univ. Tokyo) : Gabber's refined alteration and Kato's Hasse principle.

16:30 – 17:30 Takao Yamazaki (Tohoku Univ.) : Milnor K -theory attached to semi-abelian varieties and class field theory.

18:00 – 19:00 Dinner

Thursday 28

7:30 – 8:30 Breakfast

9:00 – 10:00 Yuichiro Takeda (Kyushu Univ.) : On explicit regulator maps.

10:30 – 11:30 Ken-ichi Sugiyama (Chiba Univ.) : An analogue of Lichtenbaum conjecture for a hyperbolic threefold.

12:00 – 13:00 Lunch

15:00 – 16:00 Takeshi Saito (Univ. Tokyo) : Tamely ramified coverings.

16:30 – 17:30 Tomohide Terasoma (Univ. Tokyo) : Deligne DGA \mathcal{D} bar complex.

18:00 – 19:00 Dinner

Friday 29

7:30 – 8:30 Breakfast

9:00 – 10:00 Masanori Asakura (Hokkaido Univ.) : An elliptic $K3$ surface over \mathbb{Q}_p with finitely many torsion 0-cycles.

10:30 – 11:30 Thomas Geisser (Univ. Southern California) : Some remarks on Suslin homology.

12:00 Departure

世話人 Organizers :

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