

Workshop on "Moduli spaces of abelian varieties and curves, and related analysis"

Dates: December 15, 2015 --- December 18, 2015

Place : Graduate School of Mathematical Sciences, the Univ. of Tokyo

Program:

December 15, Place: 1F, Room 128

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| 9:30--10:15  | ODA Takayuki (OIST):<br>Klein's normal curves; classical results.  |
| 10:30--11:30 | NAKAMURA, Iku (Hokkaido Univ.) :<br>Moduli of abelian varieties and its compactification, Part I.                            |
| 13:00--14:00 | Ichikawa, Takashi (Saga Univ.):<br>Riemann-Roch isomorphisms on the moduli spaces of curves.                                 |
| 14:20--15:20 | Gunji, Kei-ichi (Chiba Inst. of Tec.):<br>Quadratic defining equations of abelian varieties, Part 1.                         |
| 15:40--16:40 | HARASHITA, Shu-shi (Yokohama Nat. Univ.) :<br>Introduction to moduli spaces of abelian varieties in positive characteristic. |

December 16, Place: 1F, Room 002

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| 9:30--10:15  | ODA, T. (OIST):<br>Normal curves, Part 2 ; Modern reformulation and application.                       |
| 10:30--11:30 | Nakamura, I. (Hokkaido Univ.) :<br>Moduli of abelian varieties and its compactification, Part II.      |
| 13:00--14:00 | GUNJI, K. (Chiba Inst. of Tec.) :<br>Quadratic defining equations of abelian varieties, Part II        |
| 14:30--15:00 | MA, Shohei (Tokyo Inst. Tec):<br>Finiteness of stable orthogonal modular varieties of non-general type |
| 15:30--16:30 | HARASHITA, S.:<br>On p-divisible groups with saturated Newton polygons.                                |

December 17: Place: 1F, Room 002

- 10:00--10:45 WAKATSUKI, Satoshi (Kanazawa Univ.):  
The dimensions of spaces of Siegel cusp forms of general degree, Part I
- 11:00--11:45 SUZUKI, Toshiaki (Ryukyu Univ.) :  
Shimura Correspondence and Distinguished Representations, Part I
- 13:00--14:00 KIYUNA, Tomoya (Kyushu Univ.) :  
Kaneko-Zagier type differential equation for Jacobi forms and its solutions.
- 14:15--15:15 WAKATSUKI S. (Kanazawa Univ.) :  
The dimensions of spaces of Siegel cusp forms of general degree, Part II
- 15:30--17:00 ISHII, Taku (Seikei Univ.) :  
Whittaker functions on  $Sp(2, \mathbb{R})$  and archimedean zeta integrals.

December 18: Place: 1F, Room 002

- 10:00--10:45 MIYAZAKI, Tadashi (Kitazato Univ.) :  
Whittaker functions on  $GL(2, \mathbb{C})$  and archimedean zeta integrals
- 11:00--11:45 SUZUKI, T. (Ryukyu Univ.):  
Shimura Correspondence and Distinguished Representations, Part II
- 11:50--12: Discussion on the next semester etc.