22nd Autumn Workshop on Number Theory

Date: October 30th – November 3rd in 2019
Venue: Hotel Abest Happo Aldea

Program

October 30th

16:45 – 17:45 **Hiraku Atobe** (Hokkaido University)
Introduction to Arthur's multiplicity formula

October 31st

09:00 – 10:30 **Kazuki Morimoto** (Kobe University)
Arthur's multiplicity formula for symplectic groups

10:45 – 11:45 **Yuanqing Cai** (Kyoto University)
Twisted doubling integrals for classical groups

15:00 – 16:30 **Yoshiki Oshima** (Osaka University)
Cohomological representations of symplectic groups

17:00 – 18:00 **Atsushi Ichino** (Kyoto University)
Application of Arthur's multiplicity formula

November 1st

09:00 – 10:30 **David Renard**
(Centre de mathématiques Laurent Schwartz- Ecole Polytechnique)
Arthur's packets for classical real groups

10:45 – 11:45 **Hiroshi Ishimoto** (Kyoto University)
The Shimura-Waldspurger correspondence for $\mathrm{Mp}(2n)$

Afternoon   Excursion

November 2nd

09:00 – 10:30   **Masao Oi** (Kyoto University)
Introduction to Arthur's local classification theorem

10:45 – 11:45   **Shuji Horinaga** (Kyoto University)
Harmonic analysis in the space of nearly holomorphic modular forms
and applications

15:00 – 16:30   **Gaëtan Chenevier** (CNRS)
Arthur's endoscopic classification for level 1 algebraic cusp forms
of classical groups over Z and applications to Siegel modular forms

17:00 – 18:00   **Hidenori Katsurada** (Muroran Institute of Technology)
Congruence for the Klingen Eisenstein series and Harder's conjecture

19:00 –   Meeting for the next Hakuba workshop (Only for Japanese)

November 3rd

09:30～10:30   **Shih-Yu Chen** (Academia Sinica)
Periods of cusp forms on GSp_4

10:45～11:45   **Ren-He Su** (Sichuan Normal University)
On plus space for Jacobi forms of half-integral weight

Organizers:

Hiroki Aoki (Tokyo University of Science)

Hiraku Atobe (Hokkaido University)

Atsushi Ichino (Kyoto University)