

The 7-th Autumn workshop on Number Theory

“Differential operators on modular forms and application”

PROGRAM

From October 24 to October 30, 2004
at Hakuba Highmount Hotel, 2004
Organizer: Tomoyoshi Ibukiyama (Osaka)

October 24(Sun)

Arrival day.

October 25(Mon)

- 9:00 – 10:00 S. Böcherer, Differential operators with iteration.
- 10:15 – 11:15 T. Ibukiyama, Holomorphic differential operators on Siegel modular forms
- 11:45 – 12:45 A. Yamauchi, Nearly holomorphic modular forms and differential operators I
- 14:00 – 16:00 Personal discussions
- 16:00 – 17:00 A session for Open Questions

October 26(Tue)

- 9:00 – 10:00 A. Yamauchi, Nearly holomorphic modular forms and differential operators II
- 10:15 – 11:15 T. Ibukiyama, Orthogonal polynomials and differential operators
- 11:45 – 12:45 N. Kojima, Pullback formula and differential operators I
- 14:00 – 16:00 Personal discussions
- 16:00 – 17:00 Talk by request

October 27(Wed)

- 9:00 – 10:00 N. Kojima, Pullback formula and differential operators II
- 10:15 – 11:15 S. Böcherer, Holomorphic component of restricted Maass operators
- 11:45 – 12:45 R. Schulze-Pillot Abstract aspect of nearly holomorphic modular forms
- 16:00 – 17:00 T. Kuzumaki and T. Ibukiyama, Differential operators from H_{2n} to $H_n \times H_n$ and other explicit operators

October 28(Thu)

- 9:00 – 10:00 H. Ochiai, A survey on holonomic systems
- 10:15 – 11:15 H. Katsurada, Special values of standard zeta functions of Siegel modular forms and differential operators I
- 11:45 – 12:45 H. Katsurada, Special values of standard zeta functions of Siegel modular forms and differential operators II
- Afternoon Excursion

October 29(Fri)

- 9:00 – 10:00 T. Ikeda, Period of lifting
- 10:15 – 11:15 A. Ichino, Pullbacks of Saito-Kurokawa lifts
- 11:45 – 12:45 H. Yoshida (with T. Kashio), On p-adic absolute CM-periods
- 16:00-18:00 Solution for Open Questions and new Open Problems (Böcherer, Katsurada, Kyomura)
- 18:00-20:00 Dinner Party

October 30(Sat)

- 9:30 – 10:30 Discussions