

Program:

17/Mar(Mon)

15:30-17:00 Go Yamashita (RIMS)
“Review of Taylor-Wiles system”

17:30-19:00 Go Yamashita (RIMS)
“Galois representations associated to Hilbert modular forms
via congruence after Taylor”, and
“Global-local compatibility after Carayol.”

18/Mar(Tue)

9:00-10:30 Go Yamashita (RIMS)
“Modularity lifting for potentially Barsotti-Tate deformations after Kisin I.”

11:00-12:30 Seidai Yasuda (RIMS)
“Base change argument of Skinner-Wiles”, and
“Integral p -adic Hodge theory after Breuil and Kisin.”

14:30-16:00 Seidai Yasuda (RIMS)
“Modularity lifting for potentially Barsotti-Tate deformations after Kisin II.”

16:30-18:00 Go Yamashita (RIMS)
“Modularity lifting for crystalline deformations
of intermediate weights after Kisin.”

19/Mar(Wed)

9:00-10:30 Seidai Yasuda (RIMS)
“ p -adic local Langlands correspondence and
mod p reduction of crystalline representations after Berger, Breuil, and Colmez.”

11:00-12:30 Go Yamashita (RIMS)
“Modularity lifting of residually reducible case after Skinner-Wiles.”

14:30-16:00 Seidai Yasuda (RIMS)
“Potential modularity after Taylor.”

16:30-18:00 Go Yamashita (RIMS)
“Taylor-Wiles system for unitary groups after Clozel-Harris-Taylor I.”

18:30– Party

20/Mar(Thu)

9:00-10:30 Seidai Yasuda (RIMS)
“Taylor-Wiles system for unitary groups after Clozel-Harris-Taylor II.”

11:00-12:30 Seidai Yasuda (RIMS)
“Proof of Sato-Tate conjecture after Taylor et al.”

14:30-16:00 Go Yamashita (RIMS)
“First step of the induction of the proof of Serre’s conjecture
after Tate, Serre, and Schoof.”

16:30-18:00 Go Yamashita (RIMS)
“Proof of Serre’s conjecture of level one case after Khare.”

21/Mar(Fri)

9:00-10:30 Seidai Yasuda (RIMS)
“Proof of Serre’s conjecture after Khare-Wintenberger.”

11:00-12:30 Seidai Yasuda (RIMS)
“Breuil-Mézard conjecture and modularity lifting
for potentially semistable deformations after Kisin.”

Attention

On seminar room:

- No eat, no drink, nor fire in the seminar rooms, please.
- We cannot use LAN in the hall. We can use it on the lodges.
- We can use the seminar room until 21:30. Please use it for studying, seminars, discussions, and so on (Do not take alcoholic drinks in the seminar room, please).
- There is an informal seminar of Chan-Ho Kim at 19:30 on Tuesday. Please come to the seminar if you are interested.
- Please install G.Y. and S.Y.'s fonts.
- We can use copy machines (20 yen per 1 sheet), and fax (100 ~ 200 yen per 1 sheet for sending or receiving, depending on the target).
- We can use the outlets in the seminar room (300 yen per 1kW).

On the life:

- Basically, we can use mobile phones. It happens that we cannot use them in the buildings.
- There is no “yukata” (Japanese bedclothes), no bath towel, no face towel, nor toothbrush on the lodges.
- Basically, we have no laundry. However, you can ask privately the owners of the lodge to wash by their private machines.
- We can go to hot spring (300 yen). Please ask the owners of the lodges to bring you there by car. We can buy teethbrushes etc. there.
- We take breakfast in the lodges, lunch and dinner in the restaurant “Liebe” except Friday.
- We will hand “bento” (Japanese portable lunch box) to you for the lunch on Friday.
- We will hold a party at 18:00 on Wednesday in the restaurant “Liebe”. We can enjoy the second party in the lodge “Zig-Zag”.