



RIMS conference “Automorphic forms, Automorphic representations, Galois representations, and its related topics”

Organizers: Takuya Yamauchi (Tohoku University)
: Kazuki Morimoto (Kobe University)

Date : Jan. 25 (Mon.) - Jan. 29 (Fri.) 2021

This conference will be held over Zoom.

The schedule below is based on Japan standard time.

Jan. 25 (Mon)

9:00 – 10:00 **Kentaro Nakamura** (Saga university)

Zeta morphisms for rank two universal deformations.

10:30 – 11:30 **Kenichi Namikawa** (Kyushu University)

A cohomological interpretation of the period integrals for $GL(3) \times GL(2)$.

13:00 – 14:00 **Kazuki Morimoto** (Kobe University)

On Ichino-Ikeda type formula of Bessel period for $(SO(5), SO(2))$.

14:30 – 15:30 **Hiroshi Noguchi** (Kyoto University)

On genuine characters of the metaplectic group of $SL_2(\mathfrak{o})$ and theta functions.

16:00 – 17:00 (UTC 7:00 – 8:00) **Toby Gee** (Imperial College London)

Moduli stacks of (ϕ, Γ) -modules.

Jan. 26 (Tue)

9:00 – 10:00 (EST 19:00 – 20:00, 25 (Mon)) **Chao Li** (Columbia University)

The Beilinson-Bloch conjecture for unitary Shimura varieties.

10:30 – 11:30 (PST 17:30 – 18:30, 25 (Mon)) **Ellen Eischen** (University of Oregon)

Spin p -adic L -functions for GSp_6 .

13:00 – 14:00 **Hiroataka Kakuham** (Kyoto University)

On the formal degree conjecture for inner forms of Sp_4 and GSp_4 .

14:30 – 15:30 **Koichi Takase** (Miyagi University of Education)

On supercuspidal representations of Sp_{2n} and Langlands parameters.

15:30 – 15:40 **On the RIMS workshop and Hakuba conference next academic year.**

Jan. 27 (Wed)

9:00 – 10:00 (CST 18:00 – 19:00, 26 (Tue)) **Matthew Emerton** (The University of Chicago.)

Moduli stacks of Galois representations.

10:30 – 11:30 **Yoichi Mieda** (The University of Tokyo)

Local Saito-Kurokawa A -packets and l -adic cohomology of Rapoport-Zink tower for $\mathrm{GSp}(4)$.

13:00 – 14:00 **Hiroshi Ishimoto** (Kyoto University)

A proof of Ibukiyama's Shimura type conjecture on Siegel modular forms of half-integral weight and of degree 2.

14:30 – 15:30 (13:30 – 14:30 in Singapore time) **Wee Teck Gan** (National University of Singapore)

Nontempered Restriction Problems for Classical Groups.

16:00 – 17:00 (UTC 7:00 – 8:00) **Pol van Hofsten** (King's College London)

Mod p points on Shimura varieties of parahoric level.

Jan. 28 (Thu)

9:00 – 10:00 (PST 16:00 – 17:00, 27 (Wed)) **Aaron Pollack** (University of California, San

Diego)

Singular modular forms on exceptional groups.

10:30 – 11:30 (EST 20:30 – 21:30, 27 (Wed)) **Naomi Tanabe** (Bowdoin College)

Non-vanishing of central values of Rankin-Selberg L -functions.

13:00 – 14:00 **Yota Maeda** (Kyoto University)

On the Kodaira dimension of unitary Shimura varieties.

14:30 – 15:30 **Hiraku Atobe** (Hokkaido University)

The Zelevinsky-Aubert duality for classical groups.

16:00 – 17:00 (UTC 7:00 – 8:00) **Tobias Berger** (The University of Sheffield)

Eisenstein cohomology and CM congruences.

Jan. 29 (Fri)

9:00 – 10:00 (PST 16:00 – 17:00, 28 (Thu)) **Sug Woo Shin** (University of California, Berkeley)

Cohomology of Igusa varieties.

10:15 – 11:15 **Masao Oi** (Kyoto University, Hakubi center)

Twisted endoscopic character relation for Kaletha's regular supercuspidal L -packets.

11:30 – 12:30 **Ken-ichi Yoshikawa** (Kyoto University)

Quasi-pullback of certain Siegel modular forms and Borcherds products.