

Kyushu Algebraic Number Theory 2017 (KANT 2017)

This workshop is supported by the Kyushu University Leading PhD Program in Mathematics for Key Technologies.

Representative organizer : Momonari KUDO (Kyushu University)
Kentaro OKAMOTO (Kyushu University)
Mika SAKATA (Kyushu University)
Tomoaki NAKAYA (Kyushu University)

Date : March 8, 2017 (Wed) — March 10, 2017 (Fri)

Place : Kyushu University, Building West 1, Lecture Room C-515
744 Motohama, Nishi-ku, Fukuoka 819-0395, Japan

March 8, 2017 (Wed)

- 13:30–14:30 Shushi HARASHITA (Yokohama National University)
Superspecial curves of genus 4 in small characteristic
- 14:40–15:40 Yoshinori MISHIBA (National Institute of Technology,
Oyama College)
Logarithmic Interpretation of Carlitz Multizeta Values
- 15:50–16:50 Yoshiyasu OZEKI (Kanagawa University)
Lattices in crystalline representations and Kisin modules
associated with iterate extensions

March 9, 2017 (Thu)

- 10:00–11:00 Yoshiaki OKUMURA (Tokyo Institute of Technology)
A function field analogue of the Rasmussen-Tamagawa conjecture
- 11:10–12:10 Koji TASAKA (Aichi Prefectural University)
Period polynomial relation between double zeta values revisited
- 13:30–14:30 Tomoaki NAKAYA (Kyushu University)
On modular solutions of certain modular linear differential equation
and supersingular polynomials
- 14:40–15:40 Masataka ONO (Keio University)
Finite multiple zeta values associated with 2-colored rooted trees
- 15:50–16:50 Shin-ichiro SEKI (Osaka University)
The \mathfrak{p} -adic number ring and $\widehat{\mathcal{A}}$ -finite multiple zeta values
- Banquet : scheduled from 19:00

March 10, 2017 (Fri)

- 10:00–11:00 Nao TAKESHI (Gakushuuin University)
Determining all elliptic curves with good reduction everywhere over
number fields
- 11:10–12:10 Kazuhiro YOKOYAMA (Rikkyo University)
On Symbolic Formula of Isogeny of Elliptic Curves
- 13:30–14:30 Tetsuya TANIGUCHI (Kanazawa Institute of Technology)
On the specificity of the magnitude of the determinant formula of
the relative class number of cyclotomic fields and its application
- 14:40–15:40 Hiroki TAKAHASHI (Tokushima University)
Generalized Greenberg's conjecture for cyclotomic fields and special
elements of K -groups