

Japan - Taiwan Joint Workshop on Multiple Zeta Values 2020

Date : February 8 (14:00) - 11 (16:00), 2020

Venue : Okinawa-ken Seinen Kaikan (沖縄県青年会館)

Organizers : Chieh-Yu Chang (National Tsing Hua University, Taiwan)

Masanobu Kaneko (Kyushu University, Japan)

Yasuo Ohno (Tohoku University, Japan)

Jing Yu (National Taiwan University, Taiwan)

February 8. (Saturday)

14:00-14:50 Jing Yu (National Taiwan University, Taiwan)

Motivic Galois Groups and MultiZeta Values in Characteristic p

15:10-15:50 Yen-Tsung Chen (National Tsing Hua University, Taiwan)

On the linear independence of θ -adic multiple zeta values over function fields

16:10-16:50 Ryotaro Harada (Nagoya University, Japan)

A positive characteristic analogue of alternating multizeta values

Banquet

February 9. (Sunday)

9:30-10:20 Masataka Ono (Kyushu University, Japan)

On truncated versions of t -adic symmetric multiple zeta values

10:40-11:30 Minoru Hirose (Kyushu University, Japan)

Motivic Galois group over $\mathbb{Z}[1/2]$ and linear relations among motivic alternating multiple zeta values

11:50-12:40 Yen-Liang Kuan (National Center for Theoretical Sciences, Taiwan)

The Mordell-Weil theorem for t -modules

14:00-15:00 Free Discussion

15:30-16:20 Oguz Gezmis (National Tsing Hua University, Taiwan)

Deformation of Multiple Zeta Values and Their Logarithmic Interpretation in Positive Characteristic

16:40-17:30 Henrik Bachmann (Nagoya University, Japan)

q -double zeta values and modular forms

February 10. (Monday)

- 9:30-10:20 Tomoya Machide (National Institute of Informatics, Japan)
Computational results on ranks of matrices of extended double shuffle relations for modulo 2 (joint work with Tomohiro Sonobe)
- 10:40-11:30 Yoshitaka Sasaki (Osaka University of Health and Sport Sciences, Japan)
The tangent symmetry for the multiple zeta-function
- 11:50-12:40 Yuichiro Taguchi (Tokyo Institute of Technology, Japan)
Mordell-Weil groups over moderately large global fields
- 14:00-17:30 Free Discussion

February 11. (Tuesday)

- 9:00-9:50 Yoshihiro Takeyama (University of Tsukuba, Japan)
Finite multiple harmonic q -series at a root of unity and Kaneko-Zagier conjecture
- 10:10-11:00 Shuji Yamamoto (Keio University, Japan)
A variant of multiple polylogarithms and relations on them
- 11:20-12:00 Ryota Umezawa (Nagoya University, Japan)
Relations between iterated log-sine integrals, multiple zeta values and multiple polylogarithms
- 13:30-14:20 Yoshinori Mishiba (University of the Ryukyus, Japan)
Logarithmic interpretation of Taylor coefficients of t -motivic multiple zeta values
- 14:40-15:30 Chieh-Yu Chang (National Tsing Hua University, Taiwan)
Algebra structure of multiple zeta values in positive characteristic

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Hosted by:

National Center for Theoretical Sciences

Multiple Zeta Research Center, Kyushu University

Sponsored by:

Japan Society for the Promotion of Science
