

The 17th MSJ-SI
Modular Forms and Multiple Zeta Values

Date: February 17 (Mon) – 22 (Sat), 2025

Venue: Kindai University (Higashi-Osaka, Japan), Build.19, 3rd Floor, **Room 19-2**

Program

February 17 (Mon)

13:15–13:25 Opening

13:30–14:30

15:00–16:00 **Francis Brown** (University of Oxford)

Meromorphic modular forms and a conjecture of Gross-Zagier

16:30–17:30 **Chieh-Yu Chang** (National Tsing Hua University)

On special v -adic gamma values after Gross-Koblitz-Thakur

February 18 (Tue)

10:00–11:00 **Herbert Gangl** (Durham University)

On the depth reduction for multiple polylogarithms

11:30–12:30 **Shuji Yamamoto** (Keio University)

Discretization of integral representation of multiple zeta values

12:30–14:30 Lunch

14:30–15:30 **Michel Waldschmidt** (Sorbonne University)

Linear independence of odd zeta values using Siegel's lemma, following Stéphane Fischler

16:00–17:00 **Don Zagier** (MPIM Bonn and ICTP Trieste)

Number theory arising from topology

18:00– Celebration Party

February 19 (Wed)

10:00–11:00 **Toshiki Matsusaka** (Kyushu University)

A unified approach to Rohrlich-type divisor sums

11:30–12:30 **Özlem Imamoglu** (ETH Zurich)

A Lyapunov exponent associated to modular functions

12:30– Free time

February 20 (Thu)

10:00–11:00 **Ken Ono** (University of Virginia)

Fun with quasimodular forms

11:30–12:30 **Yoshinori Mizuno** (Nagoya Institute of Technology)

Some applications of general genus characters

12:30–14:30 Lunch

14:30–15:30 **Yen-Tsung Chen** (Pennsylvania State University)

On the partial derivatives of Drinfeld modular forms of arbitrary rank

16:00–17:00 **Federico Pellarin** (Sapienza University of Rome)

On ‘eulerian’ multiple zeta values for curves

February 21 (Fri)

10:00–11:00 **Soon-Yi Kang** (Kangwon National University)

Unveiling Patterns in Partitions, Modular Forms, and Others

11:30–12:30 **Takeshi Ogasawara** (Dokkyo Medical University)

Some topics on mod p modular forms of weight one

12:30–14:30 Lunch

14:30–15:30 **Wadim Zudilin** (Radboud University Nijmegen)

A basic basic hypergeometric identity

16:00–17:00 **Masanobu Kaneko** (Kyushu University)

Finite multiple zeta values and other elements in the “poor man’s adele ring”

February 22 (Sat)

10:00–11:00 **Michael Hoffman** (U. S. Naval Academy)

Truncated multiple zeta values and summation formulas

11:30–12:30 **Kentaro Ihara** (Kindai University)

Multiple Dedekind zeta values

12:30–12:40 Closing

Organizing Committee / Local Organizers

H. Furusho, K. Ihara, Y. Mishiba, Y. Ohno, K. Tasaka/H. Tsutsumi, K. Ihara, T. Goto, Y. Ohno