

ISMVL 2023

May 22 – 24, 2023, Matsue, Shimane, Japan

Call for Participation



“Hall for Sacred Dances”



“Matsue Castle”



“Japanese Confectionery”

The IEEE Computer Society's Technical Community on Multiple-Valued Logic will hold its 53rd annual symposium in Matsue, Shimane, Japan from May 22 to 24, 2023. ISMVL 2023 offers you a great opportunity to follow the recent technologies and explore future directions in multiple-valued logic and its related areas.

The following keynote speakers will present their cutting-edge research results:

- **Prof. Masato Motomura** (Tokyo Institute of Technology, JAPAN)
Tackling the Explosions of Data and Solutions with Low-Bitwidth Computing Architectures
- **Prof. Takefumi Miyoshi** (QuEL, Inc./e-trees. Japan, Inc./QIQB, Osaka University, JAPAN)
A Challenge of Scalable Quantum Computing Control Systems
- **Prof. Takaaki Mizuki** (Tohoku University, JAPAN)
Card-based Cryptography: How to Securely Compute Multiple-valued Functions Using a Deck of Cards

Technical (Regular) Papers:

Other than the keynote addresses, 37 high-quality papers will be presented as well. The program will be available at <https://mvl.jp.org/ISMVL2023/program.php>

Social Program:

The social program will include a Welcome Reception on May 21, and an excursion and banquet on May 23.

Accompanying Workshops:

In conjunction with ISMVL 2023, [the 32nd International Workshop on Post-Binary ULSI Systems](#) (May 21) and [the Reed-Muller 2023 Workshop](#) (May 24) will be held at the same location.

Registration:

All participants are required to register. The deadline for early registration is April 20, 2023. Details about registration such as registration fee and how to register are available at: <https://mvl.jp.org/ISMVL2023/registration.php>

Travel Support for Students:

We plan to secure some money (around 50,000 Yen) to support students to attend ISMVL 2023. If the first author of the paper is a student and the student is going to present the paper at ISMVL, then he/she is eligible to receive a travel grant. When submitting a paper, please indicate whether the first author is a student.

If you have any question, please contact:

Symposium Chair:

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