

# ISMVL 2023

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

## Call for Papers



“Hall for Sacred Dances”



“Matsue Castle”



“Japanese Confectionery”

The IEEE Computer Society's Technical Community on Multiple-Valued Logic will hold its 53<sup>rd</sup> annual symposium in Matsue, Shimane, Japan in May 2023. You are invited to submit an original paper, survey, or tutorial paper on any subject in the area of multiple-valued logic, including but not limited to:

*Algebra and Formal Aspects*  
*Automatic Reasoning*  
*Logic Programming*  
*Philosophical Aspects of MVL*  
*Fuzzy Logic and Soft Computing*  
*Data Mining*  
*Machine Learning and Robotics*  
*Quantum Computing*  
*Reversible Computing*

*Logic Design and Switching Theory*  
*Test and Verification*  
*Spectral Techniques*  
*Circuit/Device Implementation*  
*VLSI Architecture and Computing*  
*System-on-Chip Technology*  
*MVL Aspects of Nanotechnology*  
*MVL Aspects of Medical Technologies*  
*MVL Approaches to Big Data*

Authors should submit papers in PDF format on the conference website by ~~November 1~~ **December 15, 2022 (extended!)**. Each manuscript should include a 50-to-100 word abstract and should not exceed 6 pages in the 2-column IEEE Proceedings format. Special issues of some journals are planned for selected ISMVL 2023 papers. Authors will be notified about acceptance by **February 1, 2023**. Camera-ready copies of accepted papers are due on **March 1, 2023**. For submission details, please visit the symposium website: <https://mvl.jp/ISMVL2023/>

### Travel Support for Students:

We plan to secure some money 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.

The symposium will be co-located with the 32<sup>nd</sup> International Workshop on Post-Binary ULSI Systems and Reed-Muller 2023 Workshop. Information on accommodations and transportation to the Matsue Region will be provided at a later date. For additional information, please contact:

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