16th International Workshop on Boolean Problems

September 19-20, 2024
Bremen, Germany

Synopsis

The International Workshop on Boolean Problems addresses the scientific exchange on problems related to Boolean logic and Boolean algebra. It also includes problems of a discrete mathematical nature. The workshop provides a forum for researchers and engineers from different disciplines to exchange ideas as well as to discuss problems and solutions. The workshop is devoted to both theoretical discoveries and practical applications. One important aim is to initiate collaborative research and to find new areas of application.

Topics of Interest

Contributions on the following topics, but not limited to them, are welcome:

- Boolean logic
- Bitvector arithmetic
- Verification and validation
- Application to real-world problems

- Dynamic analysis
- Reasoning problems and algorithms
- Beyond Boolean logic (e.g. multiple-valued, quantum, reversible)

Paper submission deadline:	June 16, 2024 (extended)
Author notification:	July 14, 2024
Camera ready version:	August 11, 2024

Please use EasyChair to submit your papers:
https://easychair.org/conferences/?conf=iwsbp24

Workshop Format

All accepted papers will be distributed among the participants of the workshop in an informal digest of papers. Selected papers may be invited for a special issue of the journal „it - Information Technology" - a computer science journal existing since 1959! The reviews provided for the workshop contribution will be used for the first iteration of the journal articles. Accepted papers must be presented at the workshop. We will have poster presentations and oral presentations.

Organization

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TUHH

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