# 17th International Workshop on Boolean Problems

September 17-18, 2026
Bremen, Germany

## Synopsis

The 17th 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

Topics of interest include, but are not limited to:

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

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

**Paper submission deadline:**          **June 16, 2026**
**Paper notification deadline:**          **July 16, 2026**

## Submission Details

IWSBP solicits the submission of original research articles as full-length research papers that will be published in the IEEE Embedded Systems Letters (ESL) or in an informal digest of papers that will only be distributed among the participants of the workshop. All publications have to be presented in person at IWSBP'26.

The ESL publication will be four pages describing complete works and will follow the guidelines of IEEE ESL. Some authors whose papers have received major revision from the IEEE ESL submission may present their paper at the IWSBP and submit it according to the guidelines of the workshop. Minor revisions and accepted papers can be directly presented at the IWSBP. Direct submissions to IWSBP should be up to 16 pages in the LNCS format. All submission details can be found in the Submission Details.

## Organization

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