14th International Workshop on Boolean Problems

September 24-25, 2020
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 algebras
- Boolean logic
- Boolean modelling
- Combinatorial search
- Boolean and bitwise arithmetic
- Software and tools for the solution of Boolean problems
- Applications of Boolean logic and algebras
- Applications to real-world problems
- Boolean constraint solving
- Extensions of Boolean logic (e.g., fuzzy logic, multiple-valued logic, quantum logic, reversible logic)

Paper submission deadline: July 8, 2020 (extended)
Author notification: August 26, 2020

Please use EasyChair to submit your papers:
https://easychair.org/conferences/?conf=iwsbp2020

Workshop Format

Accepted papers will be distributed among the participants of the workshop. Selected papers are invited to be published in post proceedings.

Organization

Universität Bremen

DFKI

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