



Call for Papers

# The 25th Japan-Korea Joint Workshop on Algorithms and Computation (WAAC 2025)

August 19–20, 2025

Hokkaido University, Sapporo, Japan

The aim of this workshop is to provide a forum for researchers working on algorithms and the theory of computation, to promote the exchange of recent results, and to foster new collaborations among researchers. Historically, the workshop was established for the purpose of collaboration of researchers from Korea and Japan; however, participation from any country is welcome.

The workshop is organized by the Special Interest Group on Algorithms (SIGAL) of the Information Processing Society of Japan and the Special Interest Group on Algorithms (SIGAL) of the Korean Institute of Information Scientists and Engineers (KIISE).

## Topics

The topics covered by the workshop are, but not limited to:

- Automata, languages and computability
- Algorithms  
(combinatorial/graph/geometric/randomized)
- VLSI and parallel algorithms
- Networks and distributed algorithms
- Learning theory and data mining
- Number theory and cryptography
- Graph drawing and visualization
- Computational logic
- Combinatorics and optimization

## Important Dates

Submission deadline: **May 8, 2025 (KST & JST)**

Notification of acceptance: June 8, 2025

Final version submission: June 29, 2025

Conference: **August 19–20, 2025**

## Submission

Authors are invited to submit papers up to 8 pages in English via the EasyChair submission system no later than **May 8, 2025 (KST & JST)**.

<https://easychair.org/conferences/?conf=waac2025>

Since the proceedings will be only distributed at the workshop, submission of preliminary material that is to appear in other international conferences or journals is allowed and encouraged.

## Page Style and Limit

The paper must be written in English. The camera-ready version must be printed to fit A4 size sheet. It cannot exceed 8 pages including the title page. The first page must be in single column style although the following pages could be in double columns. The first page should contain the title, authors, affiliations, addresses (including authors' e-mail addresses), and abstract.

## Program Committee

Hyung-Chan An (Yonsei University)

Sang Won Bae, *co-chair* (Kyonggi University)

Da-Jung Cho (Ajou University)

Seungbum Jo (Chungnam National University)

Yasuaki Kobayashi (Hokkaido University)

Yuto Nakashima (Kyushu University)

Hirotaka Ono, *co-chair* (Nagoya University)

Yota Otachi (Nagoya University)

Sang Duk Yoon (Sungshin Women's University)

## Organizing Committee

Hiroki Arimura, Tatsuya Gima, Yasuaki Kobayashi, Yuto Nakashima, Hirotaka Ono, Yota Otachi, and Kazuhisa Seto.

## More Information

Travel information: <https://visit.sapporo.travel/>

## Contact Address and Web Page

[waac2025@easychair.org](mailto:waac2025@easychair.org)

<https://waac-alg-comp.github.io/2025/>