



Call for Papers

# The 23rd Japan-Korea Joint Workshop on Algorithms and Computation (WAAC 2023)

June 24–25, 2023

Nagoya, 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, to foster new collaborations among researchers. Historically, the workshop has established for the purpose of collaboration of researchers of 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 Theoretical Computer Science (SIGTCS) 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: **April 25, 2023** (KST & JST)

Notification of acceptance: May 15, 2023

Final version submission: May 31, 2023

Conference: **June 24–25, 2023**

## Submission

Authors are invited to submit papers up to 8 pages in English via the EasyChair submission system no later than **April 25, 2023 (KST & JST)**.

<https://easychair.org/conferences/?conf=waac2023>

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

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

Da-Jung Cho (Ajou University)

Jinhee Chun, *co-chair* (Tohoku University)

Seungbum Jo (Chungnam National University)

Yota Otachi (Nagoya University)

Heejin Park (Hanyang University)

Toshiki Saitoh (Kyushu Institute of Technology)

Akira Suzuki (Tohoku University)

Sang Duk Yoon (Sungshin Women's University)

## Organizing Committee

Jinhee Chun, Kazuhiro Kurita, Hirotaka Ono,

Yota Otachi, Toshiki Saitoh.

## More Information

Nagoya Info <https://www.nagoya-info.jp/en/>

## Contact Address and Web Page

[waac2023@easychair.org](mailto:waac2023@easychair.org)

<https://www.math.mi.i.nagoya-u.ac.jp/~otachi/events/waac23/>