



<https://www.manuscriptlink.com/society/kiisc/conference/mobisec2024>

# Call for Papers

The 8<sup>th</sup> International Conference on Mobile Internet Security (MobiSec 2024)

# MobiSec 2024

## Sapporo, Japan, December 17-19, 2024

**Organized By** KIISC Research Group on 5G Security & Kookmin University Cryptography & Information Security Institute

**Hosted By** Korea Institute of Information Security and Cryptology (KIISC)

**In Cooperation With** Kookmin University BK21 Four Institute of Information Security Education for Secure Hyperconnected Society

**Tech Sponsored By** IEICE ICSS | JSAI-SIG-SEC

### OVERVIEW

During the past two decades, mobile internet technologies have been dramatically growing while leading to a paradigm shift in our life. Despite their revolution, mobile internet technologies open doors to various security threats, which should be addressed to keep mobile Internet environments to be secure and trust. Even worse, the latest technologies (e.g., 6G Networks, Quantum Computing, Generative AI, and so forth) continuously have introduced new security challenges. Therefore, it is of paramount importance to study mobile internet security.

The purpose of MobiSec 2024 is to bring together the academic and industry working on different aspects, exchange ideas, and explore new research directions for addressing the challenges in mobile internet security and application of cyber security.

MobiSec 2024 also aims to publish high quality papers, which are closely related to various theories and practical applications in mobile internet and cyber security to highlight the state-of-art research. In spite of focusing on security aspects, this conference welcomes papers which are related to mobile internet technologies and emerging issues in cyber space.

We expect that MobiSec 2024 will be a trigger for further research and technology improvements related to this important subject.

### TOPICS (not limited to)

- Security for 5G/6G Networks
- Cryptography and Side Channel Security
- Data Security and Edge Computing Protection
- Security for AI and Security Application by AI
- Security for IoT and Cyber Physical System
- Safety and Security for Digital Transformation Platform Ecosystem
- Emerging Trends and Challenges in Mobile Internet and Application Security
- Others and emerging new topics

### CONFERENCE ORGANIZATION

#### Honorary Chairs

- Kouichi Sakurai (Kyushu University, Japan)
- Okyeon Yi (Kookmin University, South Korea)

#### Steering Chairs

- Fang-Yie Leu (ThungHai University, Taiwan)
- Ilsun You (Kookmin University, South Korea)

#### General Chairs

- Kiwook Sohn (Seoul National University of Science & Technology, South Korea)
- Goichiro Hanaoka (AIST, Japan)

#### Program Committee Chairs

- Hwankuk Kim (Kookmin University, South Korea)
- Alessio Merlo (CASD, School of Advanced Defense Studies, Italy)
- SeongHan Shin (AIST, Japan)

#### Poster Chairs

- Jiyoung Kim (Gyeongsang National University, South Korea)
- Il-Gu Lee (Sungshin Women's University, South Korea)

#### Workshop Chair

- Shingo Sato (Yokohama National University, Japan)

#### Publicity Chairs

- Yuntao Wang (The University of Electro-Communications, Japan)
- Luca Verderame (University of Genova, Italy)

#### Local Arrangement Chairs

- Bonam Kim (Kookmin University, South Korea)
- Hyungrok Jo (Yokohama National University, Japan)

### SUBMISSION GUIDELINES

All papers must be original and not simultaneously submitted to another journal or conference. The contributions to MobiSec 2024 must be submitted to the conference submission system: <https://easychair.org/conferences/?conf=mobisec20240>

#### (1) Regular Paper

Authors are invited to submit original papers: they must not substantially duplicate work that any of the authors have published elsewhere or have submitted in parallel to any other conferences that have proceedings. An accepted paper must be registered before the registration deadline and presented at the symposium. Failure to register before the deadline will result in automatic withdrawal of the paper from the conference proceedings and the program.

- The submission file is in PDF or PS file format produced via the EasyChair Latex Class file (US letter size)

[Available at <https://easychair.org/publications/easychair.zip>]

- the EasyChair Microsoft Word file

[Available at <https://easychair.org/publications/easychair.docx>]

- Each paper should be at least 5 pages long based on the EasyChair style.

- During submission, please select "MobiSec 2024 - Main Track"

#### (2) Poster Paper

The submission should be a single PDF document consisting of (i) the poster abstract and (ii) the poster draft.

Poster abstract: Poster abstract should provide sufficient details about your research showing that you have adequate information to fill a poster. Poster abstract should meet the following requirements:

- No more than 2-pages, including references and figures
- Submission should not be anonymized

- The submission file is in PDF or PS file format produced via the EasyChair Latex Class file (US letter size) like Regular Paper.

Poster draft: All submission must also include draft of the poster to receive feedback from the committee before the symposium. Poster size should be 32x40 inches but can be scaled down to "letter" paper size.

The accepted posters will not be formally published, and their copyright will be owned by their authors. Therefore, authors can present or publish any content of their poster in other conference or journal. Moreover, we will welcome the latest research outcomes, which were introduced at other venue.

During submission, please select "MobiSec 2024 - Poster Track"

### PROCEEDINGS & POST PUBLICATIONS:

Proceedings of MobiSec 2024 will be available to the attendees.

- During MobiSec 2024, all the papers will be available in the preliminary online-proceedings (non-official publication).

- According to our tradition, a short list of presented papers at MobiSec 2024 will be first selected and published in the Springer Communications in Computer and Information Science series book (Scopus) after revision and expansion (confirmed).

### CONTACT

For further information, please contact MobiSec 2024 cyber chair via [cyberchair.mobisec@gmail.com](mailto:cyberchair.mobisec@gmail.com)

### NEWS (IMPORTANT DATES)

- **Regular Paper submission deadline: August 16, 2024 (KST/JST)**
- **Poster submission deadline: October 18, 2024 (KST/JST)**
- **Acceptance Notification: October 11, 2024 (KST/JST)**
- **Final version deadline: November 1, 2024 (KST/JST)**