IWSEC 2019 The 14ᵗʰ International Workshop on Security

August 28 (Wed) – August 30 (Fri), 2019

**Multi-Purpose Digital Hall, Ookayama Campus,
Tokyo Institute of Technology, Tokyo, Japan**

Web: https://www.iwsec.org
Mail: iwsec2019-inquiry@iwsec.org

IWSEC2019 *in Tokyo*

Co-organized by

Call for Papers

Original papers on the research and development of various security topics, as well as case studies and implementation experiences, are solicited for submission to IWSEC 2019. Topics of interest for IWSEC 2019 include all theory and practice of cryptography, information security, and network security, as in previous IWSEC workshops. In addition, this year, we categorize topics of interest into the following two tracks.

A: Cryptography track

- Applied cryptography
- Biometrics security and privacy
- Blockchain and cryptocurrency
- Cryptanalysis
- Cryptographic primitives

- Cryptographic protocols
- Financial cryptography
- Formal methods for security analysis
- Multi-party computation
- Post-quantum cryptography

- Privacy preserving data mining
- Public-key cryptography
- Real-world cryptographic systems
- Security/privacy for machine learning
- Symmetric-key cryptography

B: Cybersecurity and privacy track

- Attacks and defenses
- Cyber physical systems security
- Forensics
- Hardware security
- Internet-of-Things security

- Intrusion detection and prevention
- Law and ethics of cybersecurity
- Machine learning for cybersecurity
- Malware analysis
- Measurements for cybersecurity

- Mobile and web security
- Network, system and cloud security
- Privacy-enhancing technologies
- Program analysis
- Usable security and privacy

Important Dates

Submission Deadline	~~March 15, 2019~~, **April 2, 2019 (23:59 UTC) (Extended)**
Notification of decision	~~May 15, 2019~~, **May 27, 2019 (Extended)**
Camera-ready version due	~~June 3, 2019~~, **June 7, 2019 (Extended)**

Best Paper Award

Prizes will be awarded to the authors of the Best Paper(s) and the Best Student Paper(s). Program Committees will select awards some time after the paper notification and before the conference.

To be eligible for Best Student Paper Award, the main author should be a full-time graduate or undergraduate student as of **March 2019**. To enter as a candidate, please tick the appropriate box in the online submission form. Candidates must submit a copy of their student ID with facial photo to the Program Chairs (after the paper notification).

Journal Recommendation

It is planned that Program Co-Chairs will recommend the authors of best papers to submit their full versions to either of the CSEC or ISEC journals after consultation between Program Co-Chairs and the authors.

Proceedings

The conference proceedings will be published by Springer, in the Lecture Notes in Computer Science (LNCS) Series.

Banquet

It is planned that IWSEC 2019 banquet will be held at a Tokyo bay cruising restaurant.

Instruction for Authors

All submitted papers must be original, unpublished, and not submitted in parallel to any other peer-reviewed conferences or journals. Submitted papers must be written in English and be fully anonymous with no author names, affiliations, acknowledgements, or obvious references.

Submitted papers should be prepared using LaTeX and must use the Springer LNCS format with the default margins and font, with the (only) modifications that page numbers must be displayed, and that no author name or affiliation is displayed. Submitted papers may contain at most 16 pages excluding appendices and references, and at most 20 pages including appendices and references. Note that according to the latest LNCS guideline, appendices are required to be placed before the references.

Optionally, any amount of clearly marked supplementary materials may be supplied, following after the main body of the submitted paper; however, reviewers are not required to read or review them, and submissions should be intelligible without them. Supplementary materials are mostly intended for additional data such as experimental data or source code. Note that supplementary materials are not allowed to be included in the camera-ready version.

Submissions are to be made via the submission website. Only PDF files will be accepted. Please choose track (A or B) when submitting. Submissions not meeting these guidelines may be rejected without consideration of their merit. For each accepted paper, at least one of the authors must register for the workshop before the due date of the camera-ready version and is also required to present the paper at the workshop. The title and the list of authors of the final version cannot be changed from the submitted version unless otherwise approved by the program co-chairs. Note that some papers may be accepted as short papers, merged papers, or conditionally accepted for shepherding.

Committees

General Co-Chairs:
Shiho Moriai (National Institute of Information and Communications Technology, Japan)
Toshihiro Yamauchi (Okayama University, Japan)
Program Co-Chairs:
Nuttapong Attrapadung (National Institute of Advanced Industrial Science and Technology, Japan)
Takeshi Yagi (NTT Security (Japan) KK, Japan)

(Last update: March 28, 2019)