

Call for Papers ACNS'21

<http://sulab-sever.u-aizu.ac.jp/ACNS2021>

The 19th International Conference on Applied Cryptography and Network Security (ACNS 2021) will be held in Kamakura, Kanagawa, Japan on 21-24 June 2021. The proceedings of ACNS 2021 will be published by Springer in the LNCS series.

ACNS is an annual conference focusing on current developments that advance the areas of applied cryptography, cyber security (including network and computer security) and privacy. The goal is to represent both academic research works as well as developments in industrial and technical frontiers.

Submissions may focus on the modelling, design, analysis (including security proofs and attacks), development (e.g. implementations), deployment (e.g. system integration), and maintenance (e.g. performance measurements, usability studies) of algorithms, protocols, standards, implementations, technologies devices, systems standing in relation with applied cryptography, cyber security and privacy, while advancing or bringing new insights to the state of the art.

Topics of interest include but are not limited to:

- Access control
- Applied cryptography
- Automated security analysis
- Biometric security/privacy
- Blockchain and cryptocurrencies
- Cloud security/privacy
- Complex systems security
- Critical infrastructure security
- Cryptographic primitives
- Cryptographic protocols
- Data protection
- Database/system security
- Digital rights management
- Email, app and web security
- Future Internet security
- Human factors in security
- Identity management
- IP protection
- Internet fraud, cybercrime
- Internet-of-Things (IoT) security
- Intrusion detection
- Key management

- Malware
- Mobile/wireless/5G security
- Network security protocols
- Privacy/anonymity, PETs
- Security/privacy metrics
- Side channel attacks (e.g., microarchitectural, physical-layer)
- Trust management
- Ubiquitous security/privacy
- Usable security/privacy

Besides the main conference, ACNS also seeks workshop proposals. Each satellite workshop will provide a forum to address a specific topic at the forefront of cybersecurity research. Papers accepted at the workshops will have post-proceedings published by Springer in the LNCS series as well.

Awards

To encourage promising students to publish their best results in ACNS, any paper co-authored by at least one full-time student who will present the paper at the conference is eligible for the best student paper award, with a cash reward of Euro 1000 sponsored by Springer.

Submission Instructions

Submissions must not substantially duplicate work that any of the authors has published elsewhere or has submitted in parallel to any other venue with formally published proceedings. Information about submissions may be shared with program chairs of other conferences for that purpose. Submissions must be anonymous, with no author names, affiliations, acknowledgement or obvious references. Each submission must begin with a title and short abstract. The introduction should summarise the contributions of the paper at a level appropriate for a non-specialist reader. All submissions must follow the original LNCS format (see <http://www.springeronline.com/lncs>) with a page limit of 20 pages (incl. references) for the main part (reviewers are not required to read beyond this limit) and 30 pages in total. Papers should be submitted electronically in PDF format. Papers rejected at the first round can be submitted at the second round (together with a response letter). Submissions not meeting the submission guidelines risk rejection without consideration of their merits. We encourage submissions in LaTeX. Authors of accepted papers must guarantee that their paper will be presented at the conference and must make a full version of their paper available online. Note that the page limit for camera-ready version is 20 pages with up to 10 additional pages of Appendix.

Conflicts of Interests

We use the following definition on conflicts of Interest, based on Usenix Security'20: The program co-chairs require cooperation from both authors and program committee members to prevent submissions from being evaluated by reviewers who have a conflict of interest. During the submission process, we will ask authors to identify members of the program committee with whom they share a conflict of interest. This includes: (1) anyone who shares an institutional affiliation with an author at the time of submission, (2) anyone who was the advisor or advisee of an author at any time in the past, (3) anyone the author has collaborated or published with in the prior two years, (4) anyone who is serving as the sponsor or administrator of a grant that funds your research, or (5) close personal friendships. For other forms of conflict, authors must contact the chairs and explain the perceived conflict.

Program committee members who are in conflict of interest with a paper, including program co-chairs, will be excluded from evaluation and discussion of the paper by default.

Posters and Workshops

Following ACNS 2020, there will be Poster Session and co-located workshops at ACNS 2021. Submission details for Poster and Workshop proposals will be later provided by Poster Chair and Workshop Chair respectively.

Important Dates

First submission deadline: 4 Sept 2020 AoE (Anytime on Earth)

- Notification: 9 Nov 2020
- Camera-ready: 27 Nov 2020

Second submission deadline: 15 Jan 2021 AoE (Anytime on Earth)

- Notification: 22 Mar 2021
- Camera-ready: 9 Apr 2021

Workshop proposal submission deadline: 11 Nov 2020 AoE (Anytime on Earth)

- Notification: 21 Nov 2020

Poster proposal submission deadline: Sometime in April 2021 (to be announced)

- Notification: Sometime in May 2021 (to be announced)

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Nils Ole Tippenhauer, CISPA, Germany

Workshop Chair

Jianning Zhou, Singapore University of Technology and Design, Singapore

Poster Chair

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