

CANS 2020 – Call for Papers

The 19th International Conference on Cryptology and Network Security

December 14 – 16, 2020, Vienna, Austria



The annual International Conference on Cryptology and Network Security (CANS) focuses on current advances in all aspects of cryptology, data protection, and network and computer security. The proceedings will be published in the Lecture Notes in Computer Science series by Springer.

CANS 2020 is held in cooperation with the International Association of Cryptologic Research (IACR).

Submission guidelines

High quality papers on unpublished research and implementation experiences are solicited for submission. All papers must be original and not substantially duplicate work that has been published at or is simultaneously submitted to a journal or another conference/workshop with proceedings. All submissions must be written in English, at most 20 pages in Springer's Lecture Notes in Computer Science (LNCS) format, including title, abstract, and bibliography. The introduction should summarise the contributions of the paper at the level understandable for a non-expert reader. The introduction should also explain the relation to related work. At most 4 pages of supplemental material may be provided as well-marked appendices, however, the paper should be intelligible without this material. Submissions must be anonymous (no author names, affiliations, acknowledgments, or obvious references).

The conference will also consider short papers, that is, submissions of up to 8 pages (in the LNCS format), for results that are not yet fully fleshed out or that simply require few pages to describe but still make a significant contribution. All submissions must be processed with LaTeX2e according to the instructions given by Springer. Submitted manuscripts must be typeset in plain Springer LNCS format, in particular without changing the font size, margins or line spacing. Submissions not meeting these guidelines may be rejected without consideration of their merits.

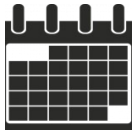
Papers must be submitted electronically in PDF format via EasyChair using the following link:

<https://easychair.org/conferences/?conf=cans2020>

Presentation and publication

At least one author of every accepted paper must register to the conference by the early registration deadline indicated by the organizers. Papers without a registered author will be removed from the proceedings. Authors have to present their own paper(s). Proceedings including all accepted papers will be published in LNCS and will be available at the conference.

Dates



Paper submission: June 21, 2020
Author notification: August 30, 2020
Camera-ready version: September 19, 2020
Conference: December 14-16, 2020

Conference Chairs

Program Chairs Haya Shulman (Fraunhofer SIT, Germany)
Serge Vaudenay (EPFL, Switzerland)

General Chair Stephan Krenn (AIT Austrian Institute of Technology, Austria)

Publicity Chairs Michael Mürling (AIT Austrian Institute of Technology, Austria)
Krzysztof Pietrzak (IST Austria, Austria)

Topics of interest include, but are not limited to:

Access Control	Embedded System Security	Security in Pervasive Systems
Anonymity & Pseudonymity	Formal Methods for Security	Security in Social Networks
Applied Cryptography	Hash Functions	Sensor Network Security
Attacks & Malicious Code	Identity Management	Trust Management
Authentication, Identification	Key Management	Usable Security
Biometrics	Language-Based Security	Virtual Private Networks
Block & Stream Ciphers	Malware Analysis and Detection	Wireless and Mobile Security
Blockchain Security and Privacy	Network Security	Peer-to-Peer Security & Privacy
Cryptographic Algorithms and Primitives	Security and Privacy for Big Data	Privacy-Enhancing Technologies
Cryptographic Protocols	Security and Privacy in the Cloud	Public Key Cryptography
Cyberphysical Security	Security in Content Delivery	Secure Distributed Computing
Data and Application Security	Security in Crowdsourcing	Security Architectures
Data and Computation Integrity	Security in zGrid Computing	Security Metrics
Data Protection	Security in the Internet of Things	Security Models
Denial of Service Protection	Security in Location Services	Security Policies

For any questions, please contact cans2020@ait.ac.at.