Fast Software Encryption 2020
IACR Transactions on Symmetric Cryptology

Call for Papers

General Information on FSE 2020

27th International Conference Fast Software Encryption (FSE 2020)
Athens, Greece
March 22-26
General information: https://fse.iacr.org/2020/
Submission server: https://tosc.iacr.org/Submission

FSE 2020 is the 27th edition of Fast Software Encryption conference, and one of the area conferences organized by the International Association for Cryptologic Research (IACR). FSE 2020 will take place in Athens, on March 22-26, 2020. Original research papers on symmetric cryptology are invited for submission to FSE 2020. The scope of FSE concentrates on fast and secure primitives and modes for symmetric cryptography, including the design and analysis of block ciphers, stream ciphers, encryption schemes, hash functions, message authentication codes, (cryptographic) permutations, authenticated encryption schemes, cryptanalysis and evaluation tools, and security issues and solutions regarding their implementation. Since 2017, FSE also solicits submissions for **Systematization of Knowledge** (SoK) papers. These papers aim at reviewing and contextualizing the existing literature in a particular area in order to systematize the existing knowledge in that area. To be considered for publication, they must provide an added value beyond prior work, such as novel insights or reasonably questioning previous assumptions.

Publication Model

From 2017, FSE has moved to an open-access journal/conference hybrid model. Submitted articles undergo a journal-style reviewing process. Accepted papers are published in **Gold Open Access** (free availability from day one) by the Ruhr University Bochum in an issue of the newly established journal **IACR Transactions on Symmetric Cryptology**.

The yearly FSE event will consist of presentations of the articles accepted to the journal IACR Transactions on Symmetric Cryptology, as well as invited talks and social activities. This new model has been established as a way to improve reviewing and publication quality while retaining the highly successful community event FSE. For any further information, please view the FAQ page: https://tosc.iacr.org/FAQ

For FSE 2020, authors can submit papers to the IACR Transactions on Symmetric Cryptology four times, every three months on a predictable schedule. Authors are notified of the decisions about two months after submission. In addition to accept and reject decisions, papers may be provided with **"minor revision"** decisions, in which case the paper is conditionally accepted and an assigned shepherd will verify if the changes are applied, or **"major revision"** decisions, in which case authors are invited to revise and resubmit

their article to one of the following two submission deadlines, otherwise the paper will be treated as a new submission. We endeavor to assign the same reviewers to revised versions.
Papers accepted for publication before the end of January 2020 will be presented at that year's conference. Note that papers submitted in November can be deferred to the next year's conference in case of "major revision". Moreover it is **mandatory that accepted papers at the IACR Transactions on Symmetric Cryptology journal are presented at the corresponding FSE event**.

Timeline for FSE 2020 / IACR Transactions on Symmetric Cryptology 2019/2020

All upcoming deadlines are 23:59:59 Greenwich Mean Time (UTC)

IACR Transactions on Symmetric Cryptology, Volume 2019, Issue 2:
- Submission: 1 March 2019
- Rebuttal: 8-11 April 2019
- Decision: 1 May 2019
- Camera-ready deadline for accepted papers (and conditionally accepted): 28 May 2019

IACR Transactions on Symmetric Cryptology, Volume 2019, Issue 3:
- Submission: 1 June 2019
- Rebuttal: 8-11 July 2019
- Decision: 1 August 2019
- Camera-ready deadline for accepted papers (and conditionally accepted): 28 August 2019

IACR Transactions on Symmetric Cryptology, Volume 2019, Issue 4:
- Submission: 1 September 2019
- Rebuttal: 8-11 October 2019
- Decision: 1 November 2019
- Camera-ready deadline for accepted papers (and conditionally accepted): 28 November 2019

IACR Transactions on Symmetric Cryptology, Volume 2020, Issue 1:
- Submission: 23 November 2019
- Rebuttal: 2-6 January 2020
- Decision: 23 January 2020
- Camera-ready deadline for accepted papers (and conditionally accepted): 23 February 2020

General Chair

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Instructions for Authors

Submissions must not substantially duplicate work that any of the authors has published in a journal or a conference/workshop with proceedings, or has submitted/is planning to submit before the author notification deadline to a journal or other conferences/workshops that have proceedings. Accepted submissions may not appear in any other conference or workshop that has proceedings. IACR reserves the right to share information about submissions with other program committees and editorial boards to detect parallel submissions and the IACR policy on irregular submissions will be strictly enforced.

The submission must be written in English and be anonymous, with no author names, affiliations, acknowledgments, or obvious references. It should begin with a title, a short abstract, and a list of keywords. The introduction should summarize the contributions of the paper at a level appropriate for a non-specialist reader. Submissions should be typeset in the `iacrtrans` LaTeX class, available at https://github.com/Cryptosaurus/iacrtrans/releases. The class documentation includes ex-

amples and instructions to easily convert a paper written with the `llncs` class.
The page limit is 20 pages excluding bibliography. Authors are encouraged to include supplementary material that can assist reviewers in verifying the validity of the results at the end of the paper. Supplementary material that does not require extra reviewing effort (such as test values, source code, or charts) will be published with the paper, but are not included in the page count. However, material that requires careful reviewing (such as proofs of the main theorems) will be included in the page count, even if they are written as appendices.
If authors believe that more details are essential to substantiate the claims of their paper or to provide proofs, they can submit a longer paper up to 40 pages (instead of up to 20); this should be indicated by ending the title with "(Long Paper)" for the submission. For long papers, the decision may be deferred to the next round at the discretion of the editors-in-chief (and to the next FSE if submitted in November).

Submissions not meeting these guidelines risk rejection without consideration of their merits. The IACR Transactions on Symmetric Cryptology journal only accepts electronic submissions in PDF format. A detailed description of the electronic submission procedure is available at https://tosc.iacr.org/Submission. **The authors of submitted papers guarantee that their paper will be presented at the FSE 2020 conference if it is accepted**.

In order to improve the quality of the review process, authors will be given the opportunity to enter a **rebuttal** between the indicated dates, after receiving the reviews.

Conflicts of Interest

Authors, program committee members, and reviewers must follow the new IACR Policy on Conflicts of Interest available at https://tosc.iacr.org/Call#coi.

Conference Information and Stipends

The primary source of information is the conference website. A limited number of stipends are available to those unable to obtain funding to attend the conference. Students, whose papers are accepted and who will present the paper themselves, will receive a registration fee waiver funded by the IACR Cryptography Research fund for students; they are encouraged to apply for additional assistance if needed. Requests for stipends should be sent to the general chair.

Contact Information

All correspondence and/or questions should be directed to either of the organizational committee members:

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