



IEEE International Symposium on Secure and Private Execution
Environment Design (SEED)

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Web: <https://seed-symposium.org>

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IEEE SEED 2021 SUBMISSION INSTRUCTIONS

Prospective authors must submit papers electronically by the submission deadline via the conference submission website. Please make sure your submission adheres to the following guidelines.

PAPER TYPE AND LENGTH

Please select one of the following four categories for your paper: (1) regular papers of 11 pages, (2) SoK papers of 11 pages, (3) Seeds of SEED papers of 6 pages, or (4) WiP paper of 6 pages. The primary focus of the regular papers should be to describe new research ideas overlapping computer architecture/systems and security, supported by experimental implementation and evaluation of the proposed research ideas. Systemization of Knowledge (SoK) papers are also welcome and should be submitted as regular papers. The primary focus of "Seeds of SEED" should be to describe the promising designs, initial development, and preliminary evaluation of new ideas critical to the security of future architecture/systems. Contributions from industry, that bring awareness to a new security problem and/or lay vision for sound architecture/systems security principles, are especially encouraged for Seeds of SEED papers. Additionally, we accept Work-in-Progress (WiP) papers that should describe novel secure systems designs supported by experiments. For papers accepted under WiP category, the authors will make a presentation and include the title and a brief abstract on the conference website.

Except for the regular papers, authors are also required to indicate the category of the paper as part of the submitted manuscript's title. The title should include a prefix for the paper type by using one of the phrases depending on the paper type: (1) no prefix, (2) SoK:<Title>, (3) Seeds of SEED:<Title>, or (4) WiP:<Title>.

Regular research papers can be at most 11 pages in a printable PDF format, not including references, and must use the two-column IEEE Proceedings format. There is no page limit for references. References must include all authors to facilitate the reviewing process (no et al.). Text must be minimum 9pt Times font. Please number the pages of your submission.

SoK papers follow the same guidelines as regular research papers for length and format. The motivation and goals of the SoK papers is similar to SoK papers in conferences such as IEEE S&P. From IEEE S&P, the description of SoK papers is: "[SoK papers] evaluate, systematize, and contextualize existing knowledge, as such papers can provide a high value to our community. Suitable papers are those that provide an important new viewpoint on an established, major research area, support or challenge long-held beliefs in such an area with compelling evidence, or present a convincing, comprehensive new taxonomy of such an area. Survey papers without such insights are not appropriate and may be rejected without full review. [SoK papers] will be accepted based on their

treatment of existing work and value to the community, and not based on any new research results they may contain.”

Papers in the Seeds of SEED category with relatively shorter length (6 pages, excluding references) are welcome if the contributions can be well articulated and substantiated in 6 pages. If you can express your contributions in fewer pages than the page-limit, the PC encourages you to do so. The two-column IEEE Proceedings format must be used as well. The same page limit and format applies to WiP papers as well.

DOUBLE-BLIND REVIEW

Paper submission is double-blind to reduce the reviewers' bias against the authors and/or their institutions. Thus, the submissions must not include author names or institutions. Careful writing should be used to preserve anonymity for submission. To minimize the chance of indirectly revealing your identity when you build upon your own prior work, please refer to your prior work in third person. Do not omit references to ensure anonymity, as this leaves reviewers unable to understand the full context. If you need to refer to another submission at SEED currently under review, please mark the reference as anonymous under submission at SEED, but alert the program chairs regarding this.

CONCURRENT SUBMISSIONS

The submission must describe unpublished work that is not currently under review of any other conference or journal venues. More details on the IEEE policies can be found in https://www.ieee.org/publications_standards/publications/authors/index.html

CONFIDENTIAL INFORMATION

Papers containing information that is subject to non-disclosure agreement (NDA) will not be considered for review.

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Please note that having an arXiv paper does not prohibit authors from submitting a paper to SEED 2021. arXiv papers are not peer-reviewed and not considered as formal publications, hence do not count as prior work. Authors are not expected to compare against arXiv papers which have not formally appeared in previous conference or journal proceedings. If a submitted paper is already on arXiv, please continue to follow the double-blind submission guidelines. Authors are encouraged to use preventive measures to reduce the chances of accidental breach of anonymity (e.g., use a different title in the submission, not upload/revise the arXiv version during the review period after the submission deadline).

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Please note that the author list cannot be changed after acceptance.

CONFLICT OF INTEREST DECLARATION

At the time of submission, all authors must indicate their conflict of interests with the PC members. A conflict of interest may be institutional, collaborative, or personal. Please see detailed guidelines about how to accurately declare conflict of interests on the submission website.

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If your research describes a new security-related attack, please consider adding information about the responsible disclosure. Overall, as appropriate and relevant, the paper should follow the ethical principles and not alter the security/privacy/equality expectations of the associated human users.

INCLUSIVE DESCRIPTION OF RESEARCH CONTRIBUTIONS

Please consider making your research contribution description inclusive in nature. For example, consider using gender-neutral pronouns, consider using examples that are ethnicity/culture rich, consider engaging users from diverse backgrounds if your research involves survey, etc. Best efforts should be made to make the paper accessible to visually-impaired or color-blind readers.