

Top in HES 2019

Workshop on Top Picks in Hardware and Embedded Security

**Co-located with 2019 International Conference On Computer-Aided Design
Westminster, CO, United States, 7 November 2019**

The top picks will be selected from conference and journal papers that have appeared in leading hardware security conferences including but not limited to DAC, DATE, ICCAD, HOST, VLSI Design, CHES, ETS, VTS, ITC, IEEE S&P, Euro S&P, Usenix Security, ASIA CCS, NDSS, ISCA, HASP, MICRO, ASPLOS, HPCA, ACSAC and CCS. The top picks will appear in an IEEE Transactions on CAD* special section on “Top Picks in Hardware and Embedded Security.”

To reiterate, top picks will span a gamut of topics in hardware, microarchitecture, and embedded security from leading conferences. Shortlist of papers are invited to the “Top Picks” workshop, collocated with ICCAD 2019. Authors are required to present the paper at the workshop. This is mandatory for consideration to be a top pick. Selected papers are then invited for submission to TCAD Top Picks.

*) pending approval.

Eligibility:

Any paper (conference or journal) in the broad area of hardware and embedded security that was published during the six-year period: 1/1/2013- 12/31/2018, and was not selected in Top Picks 2018.

Submission:

Perspective authors are invited to submit a single pdf including the followings:

- Optional: Cover letter (in PDF format only)
- A two-page self-nomination letter. The first page should summarize the key ideas/contributions of the paper, and the second page should argue “for the potential of the work to have a long-term impact, clearly articulating why and how it will influence other researchers and/or industry what contributions that the paper is making”. Only the IEEE TCAD format is accepted.
- If the paper has been submitted to a previous edition of Top Picks, an additional page explaining the motivation of the resubmission
- The version of the paper that appeared in the conference proceedings and/or journal.

Important: Please concatenate all documents, in the above order, and submit as one PDF file. Please identify one of the co-authors of the paper who will attend the workshop and present the work.

Program Chairs

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More details about Top in HES19 and submission instructions can be found at:

<http://toppicksinhardwaresecurity.alari.ch/>

*****IMPORTANT DATES*****

Submission of full papers: September 12, 2019

Acceptance notification: **October 2, 2019**

Presentation @ the Top Picks Workshop (Mandatory for consideration): **November 7, 2019**

Top picks Selection Announcement: **December 1, 2019**
