
Lightweight Cryptography Workshop 2019

Gaithersburg, MD

November 4-6, 2019

<https://csrc.nist.gov/Events/2019/Lightweight-Cryptography-Workshop-2019>

CALL FOR SUBMISSIONS

NIST has initiated a process to solicit, evaluate, and standardize lightweight cryptographic algorithms that are suitable for use in constrained environments. In April 2019, NIST announced 56 Round 1 candidates to be considered for standardization. NIST is soliciting papers, presentations, case studies, panel proposals, and participation from any interested parties. NIST will post the accepted papers and presentations on the workshop website; however, no formal workshop proceedings will be published.

Topics include, but are not limited to:

- Security and performance analysis of Round 1 candidates
- Benchmarking of lightweight cryptographic algorithms in software and hardware
- Side channel attacks and countermeasures for constrained devices
- Requirements and characteristics of real-world applications of lightweight cryptography, including RFID, SCADA, cyber-physical systems, and the Internet of Things

Important dates

Submission deadline: August 2, 2019

Notification deadline: September 20, 2019

Registration deadline: October 18, 2019

Workshop: November 4-6, 2019

Submissions must be provided electronically in PDF format. Paper submissions should not exceed 12 pages. Proposals for presentations or panels should be no longer than 5 pages; panel proposals should identify possible panelists and an indication of which panelists have confirmed their participation.

Please send your submission to the lightweight-crypto@nist.gov, along with the contact details of the authors.