
The Sixth NIST Lightweight Cryptography Workshop 2023

CALL FOR SUBMISSIONS

June 21 – 22, 2023, Virtual, 10AM – 3PM EDT

<https://csrc.nist.gov/Events/2023/lightweight-cryptography-workshop-2023>

NIST will host the Sixth Lightweight Cryptography Workshop (virtual) on June 21-22, 2023. The aim of the workshop is to explain the selection process and to discuss various aspects of lightweight cryptography standardization.

Topics include, but are not limited to:

- Standardization of the Ascon family
- Security results on the Ascon family, including security proofs and cryptanalysis of weakened versions
- New optimized implementations of the Ascon family, including protected implementations
- Use of Ascon in real-world applications of lightweight cryptography
- Systematization of Knowledge (SoK) relevant to the NIST lightweight cryptography standardization process

Submissions must be provided electronically in PDF format and sent to lwc2023@nist.gov. NIST will post the accepted papers and presentations on the conference website; however, no formal proceedings will be published.

Important dates

Submission deadline: May 1, 2023

Notification date: May 19, 2023

Registration deadline: TBD

Workshop: June 21-22, 2023