

# SCHWAEMM and ESCH: Lightweight Authenticated Encryption and Hashing using the SPARKLE Permutation Family

## Changelog (from v1.0 to v1.1)

- We corrected minor typos.
- We switched the primary member of the provided AEAD schemes from SCHWAEMM192-192 to SCHWAEMM256-128.
- We give a name to the ARX-box used in SPARKLE, i.e., *Alzette*.
- We added a clarification on how to map bitstrings to 32-bit words of the state in SPARKLE.
- We added new implementation results. The new implementations are provided in the third-level directory of the "Implementations" folder in the submission package.