



## Authenticated Encryption 2020

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Authenticated encryption (AE) provides confidentiality, integrity, and authenticity at the same time. Its use has soared in parallel with the widespread use of the Internet, making it a vital operation in cryptography. Active research in AE encompasses a wide range of issues from protocols to implementations. As evidenced by the NIST-supported “Competition for Authenticated Encryption: Security, Applicability, and Robustness (CAESAR)”, these issues pose major research questions and will continue to do so as cryptography evolves in future. The goal of this Special Issue is to seek novel solutions to existing issues in authenticated encryption as well as to propose new AE schemes and/or architectures.

Dr. Tolga Yalcin

*Guest Editor*

