

Murat Burhan İLTER
Phone: 0312 210 57 53
E-mail : milter@metu.edu.tr

Personal Information

Date of Birth: 19.11.1991
Marital Status: Single

Education

- 2016 - Present Doctor of Philosophy/ Ph.D. Candidate
Cryptography, Institute of Applied Mathematics, METU
Advisor: Assoc. Prof. Dr. Ali Doğanaksoy
- 2014 - 2016 Master of Science
Cryptography, Institute of Applied Mathematics, METU
Thesis Subject: An analysis on efficient polynomial multiplication algorithms for cryptographic purposes
Thesis Abstract: Multiplication algorithms are analyzed over the integers with respect to their time complexities.
Advisor: Assoc. Prof. Dr. Murat Cenk
- 2009 – 2014 Bachelor of Science
Department of Mathematics, METU
- 2005 - 2009 Ankara Anatolian High School

Work Experience

- 2015 November- Present Research Assistant, Cryptography, METU
2015 January-2015 November TÜBİTAK Research Project Assistant

Academic Interests

Block Cipher Design and Cryptanalysis, Blockchain, Efficient Multiplication Methods, Post Quantum Cryptography

Presentation

ISC 2017: Efficient Big Integer Multiplication in Cryptography (Presented at 21.10.2017)

Publication

Ilter, M. B., & Cenk, M. (2017). Efficient Big Integer Multiplication in Cryptography. *International Journal of Information Security Science*, 6(4), 70-78.

Programming Skills

Python (Beginner), SQL (Beginner), C (Intermediate), C++ (Intermediate), Latex(Intermediate)

Language Skills

Spanish (Beginner), German (Beginner), English (Fluent)