Tamer Mour

tamermorr.github.io

EDUCATION

– *Ph.D. in Computer Science* — February 2019 - October 2023
Weizmann Insitute of Science, Rehovot, Israel

Research in cryptography, with focus non-interactive zero-knowledge (mainly classical but also quantum), under the supervision of Prof. Zvika Brakerski.
Thesis title: *"New Possibilities and Impossibilities for Correlation Intractability"*.

– *M.Sc. in Computer Science* — October 2015 - September 2018
Technion, Haifa, Israel

Research in cryptography, with focus on private access of remote data, under the supervision of Prof. Eyal Kushilevtz.
Thesis title: *"New Efficient Constructions for Distributed Oblivious RAM"*.

– *B.Sc. in Computer Science* — March 2012 - August 2015
University of Haifa, Haifa, Israel

Via the *"Etgar"* program for outstanding high school students.

ADDITIONAL RESEARCH EXPERIENCE

– *Postdoctoral Researcher* — November 2023 - Present
Bocconi University, Milan, Italy

Research work in cryptography (theoretical and applied), coding theory, PCPs and quantum computation. Hosted by Prof. Alon Rosen.

– *Visiting Researcher* — March 2022
CISPA, Saarbrücken, Germany — *and* August 2022

Hosted by Prof. Nico Döttling.

– *Visiting Researcher* — July 2018 - August 2018
UCLA, Los Angeles, USA — *and* August 2019 - September 2019

Hosted by Prof. Rafail Ostrovsky.

ACADEMIC TEACHING EXPERIENCE

– *Teaching Assistant* — October 2015 - September 2018
Technion, Haifa, Israel

In undergraduate and graduate courses, including "Advanced Topics in Cryptography", "Foundations of Cryptography", "Algebraic Methods in Computer Science" and "Introduction to System Programming".

– *Teaching Assistant* — May 2015 - September 2015
University of Haifa, Haifa, Israel

In undergraduate courses, including "Introduction to Algorithms" and "Introduction to Computer Science".

MISC. EXPERIENCE

– *Instructor* October 2019 - March 2020
Davidson Institute of Science Education at Weizmann, Rehovot, Israel

Teaching 10-year old children extracurricular recreational mathematics.

– *Software Engineer Intern* August 2016 - November 2016
Google, Inc., Zurich, Switzerland

– *Software Engineer Intern* February 2015 - August 2015
Google, Inc., Haifa, Israel

AWARDS

– *Azrieli Graduate Studies Fellowship*
October 2020 – 2023
Awarded by the Azrieli Foundation.

– *Randy L. and Melvin R. Berlin Fellowship in the Cyber Security Research Program*
July 2018
Awarded by Technion.

– *Uri Akavia's Excellence Scholarship*
2014 and 2015
Awarded by University of Haifa.

– *Dean's List Scholarship*
2014
Awarded by University of Haifa.

CONFERENCE PUBLICATIONS

– *How to Verify that A Small Device is Quantum, Unconditionally,* TCC 2025
G. Malavolta and T. Mour
arXiv:2505.23978

– *Encrypted Matrix-Vector Products from Secret Dual Codes,* CCS 2025
F. Benhamouda, C. Chen, S. Halevi, Y. Ishai, H. Krawczyk, T. Mour, T, Rabin and A. Rosen
ia.cr/2025/858

– *A New World in the Depths of Microcrypt: Separating OWSGs and Quantum Money from QEFID,* EUROCRYPT 2025
A. Behara, G. Malavolta, T. Morimae, T. Mour and T. Yamakawa
ia.cr/2024/1567

– *Locally Testable Tree Codes,* SODA 2025
T. Mour, A. Rosen and R. Rothblum
eccc/TR24-088

– *On The Black-Box Complexity of Correlation Intractability,* ITCS 2024
N. Dötling and T. Mour
ia.cr/2023/1365

– *NIZK from LPN and Trapdoor Hash via Correlation Intractability for Approximable Relations,* CRYPTO 2020
Z. Brakerski, V. Koppula and T. Mour
ia.cr/2019/258

– *Trapdoor Hash Functions and Their Applications,* CRYPTO 2019
N. Dötling, S. Garg, Y. Ishai, G. Malavolta, T. Mour and R. Ostrovsky
ia.cr/2019/639

– *Sub-logarithmic Distributed Oblivious RAM for Small Block Size,* PKC 2019
E. Kushilevitz and T. Mour
arXiv:1802.05145

MANUSCRIPTS IN SUBMISSION

– *Tree PCPs*
T. Mour, A. Rosen and R. Rothblum
eccc/TR25-091

– *Secret-key PIR from Random Linear Codes*
C. Chen, Y. Ishai, T. Mour and A. Rosen
ia.cr/2025/646

ACADEMIC SERVICE

– *Workshop Co-organizer*
Conceptual Challenges in AI: from ML to Average-Case Computation and Cryptography. Bocconi University, Milan. May 2024.

– *Authorial Contributions*
To Springer's *Encyclopedia of Cryptography, Security and Privacy.*
link.springer.com/referenceworkentry/10.1007/978-3-642-27739-9_1547-1

– *PC Member*
In LatticeCC: Workshop on Lattice Coding and Crypto, an affiliated workshop to ASIACRYPT 2025.

– *Journal Reviewes*
For Journal of the ACM (2018).

– *Conference Reviewes*
For TCC (2018, 2019, 2021 – 2025), EUROCRYPT (2019, 2020, 2023, 2025), CRYPTO (2019, 2021 – 2024), STOC (2021, 2024, 2025), FOCS (2021, 2025), ASIACRYPT (2022, 2025), ITCS (2023 – 2025) and ICALP (2023 – 2025).

VOLUNTEER WORK

– *Workshop Organizer and Instructor* March 2021 - June 2021
At Tech2Peace.