

# Carmit Hazay, Associate Professor

## Faculty of Engineering, Bar-Ilan University



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### Education

- 2004 – 2009 **Ph.D., Computer Science, Bar-Ilan University** With Highest Distinction.  
Thesis title: *Efficient Two-Party Computation with Simulation Based Security*.  
Advisor: Yehuda Lindell
- 2002 – 2004 **M.Sc. Computer Science, Bar-Ilan University**  
Thesis title: *Parameterized Matching*.  
Advisor: Moshe Lewenstein
- 1998 – 2001 **B.Sc. Computer Science and Mathematics, Bar-Ilan University** Magna Cum Laude.

### Employment History

- 2012 – 2016 **Senior Lecturer.** Faculty of Engineering, Bar-Ilan University, Ramat-Gan, Israel
- 2010 – 2012 **Post-Doctoral Researcher.** Department of Computer Science, Aarhus University, Aarhus, Denmark
- 2009 – 2010 **Post-Doctoral Researcher.** Department of Computer Science and Applied Mathematics, Weizmann Institute & IDC, Herzeliya, Israel
- 2008 **Summer Intern.** IBM T. J. Watson Research Center, Hawthorne, NY

### Research Publications

#### Journal Articles

- 1 Gordon, S. D., Hazay, C., & Le, P. H. (2022). Fully secure PSI via mpc-in-the-head. *Proc. Priv. Enhancing Technol.*, 2022(3), 291–313. [🔗 doi:10.56553/popets-2022-0073](https://doi.org/10.56553/popets-2022-0073)
- 2 Hazay, C., & Lilintal, M. (2022). Gradual GRAM and secure computation for RAM programs. *J. Comput. Secur.*, 30(1), 197–229. [🔗 doi:10.3233/JCS-200107](https://doi.org/10.3233/JCS-200107)
- 3 Hazay, C., Orsini, E., Scholl, P., & Soria-Vazquez, E. (2022). Tinykeys: A new approach to efficient multi-party computation. *J. Cryptol.*, 35(2), 13. [🔗 doi:10.1007/s00145-022-09423-5](https://doi.org/10.1007/s00145-022-09423-5)
- 4 Halevi, S., Hazay, C., Polychroniadou, A., & Venkatasubramanian, M. (2021). Round-optimal secure multi-party computation. *J. Cryptol.*, 34(3), 19. [🔗 doi:10.1007/s00145-021-09382-3](https://doi.org/10.1007/s00145-021-09382-3)
- 5 Hazay, C., Scholl, P., & Soria-Vazquez, E. (2020). Low cost constant round MPC combining BMR and oblivious transfer. *J. Cryptol.*, 33(4), 1732–1786. [🔗 doi:10.1007/s00145-020-09355-y](https://doi.org/10.1007/s00145-020-09355-y)
- 6 Hazay, C., & Venkatasubramanian, M. (2020). On the power of secure two-party computation. *J. Cryptol.*, 33(1), 271–318. [🔗 doi:10.1007/s00145-019-09314-2](https://doi.org/10.1007/s00145-019-09314-2)
- 7 Hazay, C., Mikkelsen, G. L., Rabin, T., Toft, T., & Nicolosi, A. A. (2019). Efficient RSA key generation and threshold paillier in the two-party setting. *J. Cryptol.*, 32(2), 265–323. [🔗 doi:10.1007/s00145-017-9275-7](https://doi.org/10.1007/s00145-017-9275-7)
- 8 Hazay, C., & Venkatasubramanian, M. (2019a). On black-box complexity of universally composable security in the CRS model. *J. Cryptol.*, 32(3), 635–689. [🔗 doi:10.1007/s00145-019-09326-y](https://doi.org/10.1007/s00145-019-09326-y)
- 9 Hazay, C., & Venkatasubramanian, M. (2019b). What security can we achieve within 4 rounds? *J. Cryptol.*, 32(4), 1200–1262. [🔗 doi:10.1007/s00145-019-09323-1](https://doi.org/10.1007/s00145-019-09323-1)

- 10 Hazay, C., & Yanai, A. (2019). Constant-round maliciously secure two-party computation in the RAM model. *J. Cryptol.*, 32(4), 1144–1199. [doi:10.1007/s00145-019-09321-3](https://doi.org/10.1007/s00145-019-09321-3)
- 11 Faust, S., Hazay, C., & Venturi, D. (2018). Outsourced pattern matching. *Int. J. Inf. Sec.*, 17(3), 327–346. [doi:10.1007/s10207-017-0374-0](https://doi.org/10.1007/s10207-017-0374-0)
- 12 Hazay, C. (2018). Oblivious polynomial evaluation and secure set-intersection from algebraic prfs. *J. Cryptol.*, 31(2), 537–586. [doi:10.1007/s00145-017-9263-y](https://doi.org/10.1007/s00145-017-9263-y)
- 13 Hazay, C., & Patra, A. (2017). Efficient one-sided adaptively secure computation. *J. Cryptol.*, 30(1), 321–371. [doi:10.1007/s00145-015-9222-4](https://doi.org/10.1007/s00145-015-9222-4)
- 14 Asharov, G., Canetti, R., & Hazay, C. (2016). Toward a game theoretic view of secure computation. *J. Cryptol.*, 29(4), 879–926. [doi:10.1007/s00145-015-9212-6](https://doi.org/10.1007/s00145-015-9212-6)
- 15 Faust, S., Hazay, C., Nielsen, J. B., Nordholt, P. S., & Zottarel, A. (2016). Signature schemes secure against hard-to-invert leakage. *J. Cryptol.*, 29(2), 422–455. [doi:10.1007/s00145-015-9197-1](https://doi.org/10.1007/s00145-015-9197-1)
- 16 Freedman, M. J., Hazay, C., Nissim, K., & Pinkas, B. (2016). Efficient set intersection with simulation-based security. *J. Cryptol.*, 29(1), 115–155. [doi:10.1007/s00145-014-9190-0](https://doi.org/10.1007/s00145-014-9190-0)
- 17 Gennaro, R., Hazay, C., & Sorensen, J. S. (2016). Automata evaluation and text search protocols with simulation-based security. *J. Cryptol.*, 29(2), 243–282. [doi:10.1007/s00145-014-9193-x](https://doi.org/10.1007/s00145-014-9193-x)
- 18 Hazay, C., López-Alt, A., Wee, H., & Wichs, D. (2016). Leakage-resilient cryptography from minimal assumptions. *J. Cryptol.*, 29(3), 514–551. [doi:10.1007/s00145-015-9200-x](https://doi.org/10.1007/s00145-015-9200-x)
- 19 Cole, R., Hazay, C., Lewenstein, M., & Tsur, D. (2014). Two-dimensional parameterized matching. *ACM Trans. Algorithms*, 11(2), 12:1–12:30. [doi:10.1145/2650220](https://doi.org/10.1145/2650220)
- 20 Hazay, C., & Toft, T. (2014). Computationally secure pattern matching in the presence of malicious adversaries. *J. Cryptol.*, 27(2), 358–395. [doi:10.1007/s00145-013-9147-8](https://doi.org/10.1007/s00145-013-9147-8)
- 21 Hazay, C., & Nissim, K. (2012). Efficient set operations in the presence of malicious adversaries. *J. Cryptol.*, 25(3), 383–433. [doi:10.1007/s00145-011-9098-x](https://doi.org/10.1007/s00145-011-9098-x)
- 22 Klinc, D., Hazay, C., Jagmohan, A., Krawczyk, H., & Rabin, T. (2012). On compression of data encrypted with block ciphers. *IEEE Trans. Inf. Theory*, 58(11), 6989–7001. [doi:10.1109/TIT.2012.2210752](https://doi.org/10.1109/TIT.2012.2210752)
- 23 Gordon, S. D., Hazay, C., Katz, J., & Lindell, Y. (2011). Complete fairness in secure two-party computation. *J. ACM*, 58(6), 24:1–24:37. [doi:10.1145/2049697.2049698](https://doi.org/10.1145/2049697.2049698)
- 24 Hazay, C., & Lindell, Y. (2010a). Efficient protocols for set intersection and pattern matching with security against malicious and covert adversaries. *J. Cryptol.*, 23(3), 422–456. [doi:10.1007/s00145-008-9034-x](https://doi.org/10.1007/s00145-008-9034-x)
- 25 Hazay, C., Lewenstein, M., & Sokol, D. (2007). Approximate parameterized matching. *ACM Trans. Algorithms*, 3(3), 29. [doi:10.1145/1273340.1273345](https://doi.org/10.1145/1273340.1273345)

## Conference Proceedings

- 1 Chandran, G. R., Hazay, C., Hundt, R., & Schneider, T. (2022). Comparison-based MPC in star topology. In S. D. C. di Vimercati & P. Samarati (Eds.), *Proceedings of the 19th international conference on security and cryptography, SECURITY 2022, lisbon, portugal, july 11-13, 2022* (pp. 69–82). [doi:10.5220/0011144100003283](https://doi.org/10.5220/0011144100003283)
- 2 de Castro, L., Hazay, C., Ishai, Y., Vaikuntanathan, V., & Venkatasubramanian, M. (2022). Asymptotically quasi-optimal cryptography. In O. Dunkelman & S. Dziembowski (Eds.), *Advances in cryptology - EUROCRYPT 2022 - 41st annual international conference on the theory and applications of cryptographic techniques, trondheim, norway, may 30 - june 3, 2022, proceedings, part I* (Vol. 13275, pp. 303–334). [doi:10.1007/978-3-031-06944-4\\_11](https://doi.org/10.1007/978-3-031-06944-4_11)

- 3 Faust, S., Hazay, C., Kretzler, D., & Schlosser, B. (2022). Financially backed covert security. In G. Hanaoka, J. Shikata, & Y. Watanabe (Eds.), *Public-key cryptography - PKC 2022 - 25th IACR international conference on practice and theory of public-key cryptography, virtual event, march 8-11, 2022, proceedings, part II* (Vol. 13178, pp. 99–129). [doi:10.1007/978-3-030-97131-1\\_4](https://doi.org/10.1007/978-3-030-97131-1_4)
- 4 Hazay, C., Venkatasubramaniam, M., & Weiss, M. (2022). Protecting distributed primitives against leakage: Equivocal secret sharing and more. In D. Dachman-Soled (Ed.), *3rd conference on information-theoretic cryptography, ITC 2022, july 5-7, 2022, cambridge, ma, USA* (Vol. 230, 3:1–3:24). [doi:10.4230/LIPIcs.ITC.2022.3](https://doi.org/10.4230/LIPIcs.ITC.2022.3)
- 5 Chen, M., Hazay, C., Ishai, Y., Kashnikov, Y., Micciancio, D., Riviere, T., ... Wang, R. (2021). Diogenes: Lightweight scalable RSA modulus generation with a dishonest majority. In *42nd IEEE symposium on security and privacy, SP 2021, san francisco, ca, usa, 24-27 may 2021* (pp. 590–607). [doi:10.1109/SP40001.2021.00025](https://doi.org/10.1109/SP40001.2021.00025)
- 6 Faust, S., Hazay, C., Kretzler, D., & Schlosser, B. (2021). Generic compiler for publicly verifiable covert multi-party computation. In A. Canteaut & F. Standaert (Eds.), *Advances in cryptology - EUROCRYPT 2021 - 40th annual international conference on the theory and applications of cryptographic techniques, zagreb, croatia, october 17-21, 2021, proceedings, part II* (Vol. 12697, pp. 782–811). [doi:10.1007/978-3-030-77886-6\\_27](https://doi.org/10.1007/978-3-030-77886-6_27)
- 7 Hazay, C., Venkatasubramaniam, M., & Weiss, M. (2021). Zk-pcps from leakage-resilient secret sharing. In S. Tessaro (Ed.), *2nd conference on information-theoretic cryptography, ITC 2021, july 23-26, 2021, virtual conference* (Vol. 199, 6:1–6:21). [doi:10.4230/LIPIcs.ITC.2021.6](https://doi.org/10.4230/LIPIcs.ITC.2021.6)
- 8 Abascal, J., Sereshgi, M. H. F., Hazay, C., Ishai, Y., & Venkatasubramaniam, M. (2020). Is the classical GMW paradigm practical? the case of non-interactive actively secure 2pc. In J. Ligatti, X. Ou, J. Katz, & G. Vigna (Eds.), *CCS '20: 2020 ACM SIGSAC conference on computer and communications security, virtual event, usa, november 9-13, 2020* (pp. 1591–1605). [doi:10.1145/3372297.3423366](https://doi.org/10.1145/3372297.3423366)
- 9 Bhadauria, R., Fang, Z., Hazay, C., Venkatasubramaniam, M., Xie, T., & Zhang, Y. (2020). Liger++: A new optimized sublinear IOP. In J. Ligatti, X. Ou, J. Katz, & G. Vigna (Eds.), *CCS '20: 2020 ACM SIGSAC conference on computer and communications security, virtual event, usa, november 9-13, 2020* (pp. 2025–2038). [doi:10.1145/3372297.3417893](https://doi.org/10.1145/3372297.3417893)
- 10 Bhadauria, R., & Hazay, C. (2020). Multi-clients verifiable computation via conditional disclosure of secrets. In C. Galdi & V. Kolesnikov (Eds.), *Security and cryptography for networks - 12th international conference, SCN 2020, amalfi, italy, september 14-16, 2020, proceedings* (Vol. 12238, pp. 150–171). [doi:10.1007/978-3-030-57990-6\\_8](https://doi.org/10.1007/978-3-030-57990-6_8)
- 11 Hazay, C., & Lilintal, M. (2020). Gradual GRAM and secure computation for RAM programs. In C. Galdi & V. Kolesnikov (Eds.), *Security and cryptography for networks - 12th international conference, SCN 2020, amalfi, italy, september 14-16, 2020, proceedings* (Vol. 12238, pp. 233–252). [doi:10.1007/978-3-030-57990-6\\_12](https://doi.org/10.1007/978-3-030-57990-6_12)
- 12 Hazay, C., Pass, R., & Venkatasubramaniam, M. (2020). Which languages have 4-round fully black-box zero-knowledge arguments from one-way functions? In A. Canteaut & Y. Ishai (Eds.), *Advances in cryptology - EUROCRYPT 2020 - 39th annual international conference on the theory and applications of cryptographic techniques, zagreb, croatia, may 10-14, 2020, proceedings, part III* (Vol. 12107, pp. 599–619). [doi:10.1007/978-3-030-45727-3\\_20](https://doi.org/10.1007/978-3-030-45727-3_20)
- 13 Hazay, C., Shelat, A., & Venkatasubramaniam, M. (2020). Going beyond dual execution: MPC for functions with efficient verification. In A. Kiayias, M. Kohlweiss, P. Wallden, & V. Zikas (Eds.), *Public-key cryptography - PKC 2020 - 23rd IACR international conference on practice and theory of public-key cryptography, edinburgh, uk, may 4-7, 2020, proceedings, part II* (Vol. 12111, pp. 328–356). [doi:10.1007/978-3-030-45388-6\\_12](https://doi.org/10.1007/978-3-030-45388-6_12)
- 14 Hazay, C., Venkatasubramaniam, M., & Weiss, M. (2020). The price of active security in cryptographic protocols. In A. Canteaut & Y. Ishai (Eds.), *Advances in cryptology - EUROCRYPT 2020 - 39th annual*

*international conference on the theory and applications of cryptographic techniques, zagreb, croatia, may 10-14, 2020, proceedings, part II* (Vol. 12106, pp. 184–215). [doi:10.1007/978-3-030-45724-2\\_7](https://doi.org/10.1007/978-3-030-45724-2_7)

- 15 Byali, M., Hazay, C., Patra, A., & Singla, S. (2019). Fast actively secure five-party computation with security beyond abort. In L. Cavallaro, J. Kinder, X. Wang, & J. Katz (Eds.), *Proceedings of the 2019 ACM SIGSAC conference on computer and communications security, CCS 2019, london, uk, november 11-15, 2019* (pp. 1573–1590). [doi:10.1145/3319535.3345657](https://doi.org/10.1145/3319535.3345657)
- 16 Hazay, C., Ishai, Y., Marcedone, A., & Venkitasubramaniam, M. (2019). Leviosa: Lightweight secure arithmetic computation. In L. Cavallaro, J. Kinder, X. Wang, & J. Katz (Eds.), *Proceedings of the 2019 ACM SIGSAC conference on computer and communications security, CCS 2019, london, uk, november 11-15, 2019* (pp. 327–344). [doi:10.1145/3319535.3354258](https://doi.org/10.1145/3319535.3354258)
- 17 Halevi, S., Hazay, C., Polychroniadou, A., & Venkitasubramaniam, M. (2018). Round-optimal secure multi-party computation. In H. Shacham & A. Boldyreva (Eds.), *Advances in cryptology - CRYPTO 2018 - 38th annual international cryptology conference, santa barbara, ca, usa, august 19-23, 2018, proceedings, part II* (Vol. 10992, pp. 488–520). [doi:10.1007/978-3-319-96881-0\\_17](https://doi.org/10.1007/978-3-319-96881-0_17)
- 18 Hazay, C., Orsini, E., Scholl, P., & Soria-Vazquez, E. (2018a). Concretely efficient large-scale MPC with active security (or, tinykeys for tinyot). In T. Peyrin & S. D. Galbraith (Eds.), *Advances in cryptology - ASIACRYPT 2018 - 24th international conference on the theory and application of cryptology and information security, brisbane, qld, australia, december 2-6, 2018, proceedings, part III* (Vol. 11274, pp. 86–117). [doi:10.1007/978-3-030-03332-3\\_4](https://doi.org/10.1007/978-3-030-03332-3_4)
- 19 Hazay, C., Orsini, E., Scholl, P., & Soria-Vazquez, E. (2018b). Tinykeys: A new approach to efficient multi-party computation. In H. Shacham & A. Boldyreva (Eds.), *Advances in cryptology - CRYPTO 2018 - 38th annual international cryptology conference, santa barbara, ca, usa, august 19-23, 2018, proceedings, part III* (Vol. 10993, pp. 3–33). [doi:10.1007/978-3-319-96878-0\\_1](https://doi.org/10.1007/978-3-319-96878-0_1)
- 20 Hazay, C., & Venkitasubramaniam, M. (2018). Round-optimal fully black-box zero-knowledge arguments from one-way permutations. In A. Beimel & S. Dziembowski (Eds.), *Theory of cryptography - 16th international conference, TCC 2018, panaji, india, november 11-14, 2018, proceedings, part I* (Vol. 11239, pp. 263–285). [doi:10.1007/978-3-030-03807-6\\_10](https://doi.org/10.1007/978-3-030-03807-6_10)
- 21 Ames, S., Hazay, C., Ishai, Y., & Venkitasubramaniam, M. (2017). Ligerio: Lightweight sublinear arguments without a trusted setup. In B. Thuraisingham, D. Evans, T. Malkin, & D. Xu (Eds.), *Proceedings of the 2017 ACM SIGSAC conference on computer and communications security, CCS 2017, dallas, tx, usa, october 30 - november 03, 2017* (pp. 2087–2104). [doi:10.1145/3133956.3134104](https://doi.org/10.1145/3133956.3134104)
- 22 Hazay, C., Ishai, Y., & Venkitasubramaniam, M. (2017). Actively secure garbled circuits with constant communication overhead in the plain model. In Y. Kalai & L. Reyzin (Eds.), *Theory of cryptography - 15th international conference, TCC 2017, baltimore, md, usa, november 12-15, 2017, proceedings, part II* (Vol. 10678, pp. 3–39). [doi:10.1007/978-3-319-70503-3\\_1](https://doi.org/10.1007/978-3-319-70503-3_1)
- 23 Hazay, C., Polychroniadou, A., & Venkitasubramaniam, M. (2017). Constant round adaptively secure protocols in the tamper-proof hardware model. In S. Fehr (Ed.), *Public-key cryptography - PKC 2017 - 20th IACR international conference on practice and theory in public-key cryptography, amsterdam, the netherlands, march 28-31, 2017, proceedings, part II* (Vol. 10175, pp. 428–460). [doi:10.1007/978-3-662-54388-7\\_15](https://doi.org/10.1007/978-3-662-54388-7_15)
- 24 Hazay, C., Scholl, P., & Soria-Vazquez, E. (2017). Low cost constant round MPC combining BMR and oblivious transfer. In T. Takagi & T. Peyrin (Eds.), *Advances in cryptology - ASIACRYPT 2017 - 23rd international conference on the theory and applications of cryptology and information security, hong kong, china, december 3-7, 2017, proceedings, part I* (Vol. 10624, pp. 598–628). [doi:10.1007/978-3-319-70694-8\\_21](https://doi.org/10.1007/978-3-319-70694-8_21)
- 25 Hazay, C., & Venkitasubramaniam, M. (2017). Scalable multi-party private set-intersection. In S. Fehr (Ed.), *Public-key cryptography - PKC 2017 - 20th IACR international conference on practice and theory in*

public-key cryptography, amsterdam, the netherlands, march 28-31, 2017, proceedings, part I (Vol. 10174, pp. 175–203). [doi:10.1007/978-3-662-54365-8\\_8](https://doi.org/10.1007/978-3-662-54365-8_8)

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- 27 Hazay, C., & Venkatasubramanian, M. (2016a). Composable adaptive secure protocols without setup under polytime assumptions. In M. Hirt & A. D. Smith (Eds.), *Theory of cryptography - 14th international conference, TCC 2016-b, beijing, china, october 31 - november 3, 2016, proceedings, part I* (Vol. 9985, pp. 400–432). [doi:10.1007/978-3-662-53641-4\\_16](https://doi.org/10.1007/978-3-662-53641-4_16)
- 28 Hazay, C., & Venkatasubramanian, M. (2016b). On the power of secure two-party computation. In M. Robshaw & J. Katz (Eds.), *Advances in cryptology - CRYPTO 2016 - 36th annual international cryptology conference, santa barbara, ca, usa, august 14-18, 2016, proceedings, part II* (Vol. 9815, pp. 397–429). [doi:10.1007/978-3-662-53008-5\\_14](https://doi.org/10.1007/978-3-662-53008-5_14)
- 29 Hazay, C., & Venkatasubramanian, M. (2016c). What security can we achieve within 4 rounds? In V. Zikas & R. D. Prisco (Eds.), *Security and cryptography for networks - 10th international conference, SCN 2016, amalfi, italy, august 31 - september 2, 2016, proceedings* (Vol. 9841, pp. 486–505). [doi:10.1007/978-3-319-44618-9\\_26](https://doi.org/10.1007/978-3-319-44618-9_26)
- 30 Hazay, C., & Yanai, A. (2016). Constant-round maliciously secure two-party computation in the RAM model. In M. Hirt & A. D. Smith (Eds.), *Theory of cryptography - 14th international conference, TCC 2016-b, beijing, china, october 31 - november 3, 2016, proceedings, part I* (Vol. 9985, pp. 521–553). [doi:10.1007/978-3-662-53641-4\\_20](https://doi.org/10.1007/978-3-662-53641-4_20)
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- 33 Hazay, C., Lindell, Y., & Patra, A. (2015). Adaptively secure computation with partial erasures. In C. Georgiou & P. G. Spirakis (Eds.), *Proceedings of the 2015 ACM symposium on principles of distributed computing, PODC 2015, donostia-san sebastián, spain, july 21 - 23, 2015* (pp. 291–300). [doi:10.1145/2767386.2767400](https://doi.org/10.1145/2767386.2767400)
- 34 Hazay, C., Patra, A., & Warinschi, B. (2015). Selective opening security for receivers. In T. Iwata & J. H. Cheon (Eds.), *Advances in cryptology - ASIACRYPT 2015 - 21st international conference on the theory and application of cryptology and information security, auckland, new zealand, november 29 - december 3, 2015, proceedings, part I* (Vol. 9452, pp. 443–469). [doi:10.1007/978-3-662-48797-6\\_19](https://doi.org/10.1007/978-3-662-48797-6_19)
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## Books and Chapters

- 1 Hazay, C., & Lindell, Y. (2010b). *Efficient secure two-party protocols - techniques and constructions*.  
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## Research Grants



- Algorand  **MEGA-ACE: Multidisciplinary Educational Global Alliance for Algorand Center of Excellence**, Algorand Foundation, \$270, 000. *August 2022-September 2025*.
- BSF  **Secure Multi-Party Computation Over Noisy Networks**, United States -- Israel Binational Science Foundation, \$100, 000. Joint with Ran Gelles, October 2021-September 2025.
- ISF  **More Efficient MPC with Malicious Security**, Israel Science Foundation, 880,000 NIS (approximately \$243, 000). Principle investigator, October 2018-September 2022.
- COST  **Cryptography for Secure Digital Interaction**, ICT COST Action IC1306. Management committee member, *April 2014 - March 2018*.
- Min. Sci.  **The Study of Efficient Delegatable Computation**, Israel Ministry of Science and Technology of Infrastructures, 1,127,000 NIS (approximately \$325, 000). Principle investigator, *December 2013-November 2016*.

## Awards and Fellowships

### Awards

- 2002, 2003  **Dean's Award**. Bar-Ilan University.


### Fellowships

- 2006-2009  **Eshkol Fellowship**. Awarded by the ministry of Science and Technology, Israel.
- 2005-2009  **BIU President Fellowship**. Awarded by the president of Bar-Ilan University.

## Professional Activities

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### Program Chair

2022  **Director of Program Excellence.** Female junior high students, Bar-Ilan university.

### Program Committee Chair

2023  **EUROCRYPT Program Co-Chair**

2022  **CRYPTO Workshops Chair**


 **EUROCRYPT Area Chair**

2021  **CRYPTO Workshops Chair**

2020  **CRYPTO Workshops Chair**

2019  **CRYPTO Workshops Chair**

### Program Committee Membership

2021  **TCC, CT-RSA, INDOCRYPT**

2020  **EUROCRYPT, INDOCRYPT**

2019  **ACM-CCS, CRYPTO**

2018  **CSCML, SCN, PKC**

2017  **INDOCRYPT, TCC, PKC**

2016  **INDOCRYPT, ICITS**

2015  **CRYPTO, PKC**

2013  **PKC**

2012  **NordSec**


2011  **PKC**

2010  **CRYPTO**

### Workshop Organization

2022  **Bar-Ilan Winter School.** Advances in Secure Computation.

2021  **Bar-Ilan Winter School.** Cryptography in a Quantum World.

2020  **Bar-Ilan Winter School.** Information Theoretic Cryptography.

2012  **TPMPC, Denmark.** Secure Computation – Theory and Applications.

## Graduate Students

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### Current

Ph.D.  **Anasuya Acharya**

 **Rishabh Bhadauria**

M.Sc.  **Efrat Cohen**

 **Rahul B. S.**

### Graduated

Ph.D.  **Avishay Yanay,** joint with Yehuda Lindell

M.Sc.  **Raviv Moses**

 **Mor Lilintal**