

Hemi Leibowitz

EDUCATION

PHD, COMPUTER SCIENCE AT BAR-ILAN UNIVERSITY Advisor: Prof. Amir Herzberg	2017-2020
MSc, COMPUTER SCIENCE AT BAR-ILAN UNIVERSITY Advisor: Prof. Amir Herzberg	2015-2016
BSc, COMPUTER SCIENCE AT BAR-ILAN UNIVERSITY	2012-2014

PUBLICATIONS

- [1] Hemi Leibowitz, Amir Herzberg, and Ewa Syta. Provable security for pki schemes. *The 31st ACM Conference on Computer and Communications Security (CCS)*, 2024.
- [2] Amir Herzberg, Hemi Leibowitz, Ewa Syta, and Sara Wrótniak. Moss: Modular security specifications framework. In *Advances in Cryptology—CRYPTO 2021: 41st Annual International Cryptology Conference, CRYPTO 2021, Virtual Event, August 16–20, 2021, Proceedings, Part III 41*, pages 33–63. Springer International Publishing, 2021.
- [3] Hemi Leibowitz, Haitham Ghalwash, Ewa Syta, and Amir Herzberg. CtnG: Secure certificate and revocation transparency. *Cryptology ePrint Archive*, 2021.
- [4] Amir Herzberg, Hemi Leibowitz, Kent Seamons, Elham Vaziripour, Justin Wu, and Daniel Zappala. Secure messaging authentication ceremonies are broken. *IEEE Security & Privacy*, 19(2):29–37, 2020.
- [5] Ori Hiba, Hemi Leibowitz, and Amir Herzberg. Quicr: Quic resiliency to bw-dos attacks. *QUIC Privacy and Security (QUIPS) workshop*, 2020.
- [6] Hemi Leibowitz, Ania M Piotrowska, George Danezis, and Amir Herzberg. No right to remain silent: isolating malicious mixes. In *28th USENIX security symposium (USENIX security 19)*, pages 1841–1858, 2019.
- [7] Nethanel Gelernter, Amir Herzberg, and Hemi Leibowitz. Two cents for strong anonymity: The anonymous post-office protocol. In *Cryptology and Network Security: 16th International Conference, CANS 2017, Hong Kong, China, November 30—December 2, 2017, Revised Selected Papers 16*, pages 390–412. Springer International Publishing, 2018.
- [8] Amir Herzberg and Hemi Leibowitz. Can johnny finally encrypt? evaluating e2e-encryption in popular im applications. In *Proceedings of the 6th Workshop on Socio-Technical Aspects in Security and Trust*, pages 17–28, 2016.

GRANTS

NSF-BSF GRANT Prevention, Detection and Mitigation for Secure Inter-domain Routing	2023
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TEACHING

OUTSTANDING LECTURER, BAR-ILAN UNIVERSITY	2021
OUTSTANDING LECTURER, THE COLLEGE OF MANAGEMENT ACADEMIC STUDIES	2019
LECTURER AT CS DEPARTMENT, THE COLLEGE OF MANAGEMENT ACADEMIC STUDIES	2016-PRESENT
LECTURER AT CS DEPARTMENT, BAR-ILAN UNIVERSITY	2018-PRESENT