







- [2] Ittai Abraham, Guy Gueta, and Dahlia Malkhi. 2018. Hot-Stuff the Linear, Optimal-Resilience, One-Message BFT Devil. *CoRR* abs/1803.05069 (2018). <https://eprint.iacr.org/2020/406>.
- [3] Ittai Abraham, Guy Gueta, Dahlia Malkhi, Lorenzo Alvisi, Ramakrishna Kotla, and Jean-Philippe Martin. 2017. Revisiting Fast Practical Byzantine Fault Tolerance. *CoRR* abs/1712.01367 (2017).
- [4] Ittai Abraham, Philipp Jovanovic, Mary Maller, Sarah Meiklejohn, Gilad Stern, and Alin Tomescu. 2021. Reaching Consensus for Asynchronous Distributed Key Generation. In *Podc'21*.
- [5] Mark Abspoel, Thomas Attema, and Matthieu Rabaud. 2020. Malicious Security Comes for Free in Consensus with Leaders. *Cryptology ePrint Archive*, Report 2020/1480. version 2021-04-26 <https://eprint.iacr.org/2020/1480>.
- [6] Thomas Attema and Ronald Cramer. 2020. Compressed Sigma-Protocol Theory and Practical Application to Plug & Play Secure Algorithmics. In *Advances in Cryptology - CRYPTO 2020 - 40th Annual International Cryptology Conference, CRYPTO 2020, Santa Barbara, CA, USA, August 17-21, 2020, Proceedings, Part III (Lecture Notes in Computer Science, Vol. 12172)*. Springer, 513–543.
- [7] Thomas Attema, Ronald Cramer, and Serge Fehr. 2021. Compressing Proofs of k-Out-Of-n Partial Knowledge. *Crypto'21* (2021).
- [8] Thomas Attema, Ronald Cramer, and Matthieu Rabaud. 2020. Compressed Sigma-Protocols for Bilinear Circuits and Applications. *Cryptology ePrint Archive*, Report 2020/1447. version 2021/3/10 <https://eprint.iacr.org/eprint-bin/getfile.pl?entry=2020/1447&version=20210310:160359&file=1447.pdf>.
- [9] Pierre-Louis Aublin, Rachid Guerraoui, Nikola Knezevic, Vivien Quéma, and Marko Vukolic. 2015. The Next 700 BFT Protocols. *ACM Trans. Comput. Syst.* 32, 4 (2015), 12:1–12:45.
- [10] Christian Badertscher, Ueli Maurer, Daniel Tschudi, and Vassilis Zikas. 2017. Bitcoin as a Transaction Ledger: A Composable Treatment. In *Advances in Cryptology - CRYPTO 2017 - 37th Annual International Cryptology Conference, Santa Barbara, CA, USA, August 20-24, 2017, Proceedings, Part I*. Springer, 324–356.
- [11] Michael Ben-Or. 1983. Another Advantage of Free Choice: Completely Asynchronous Agreement Protocols (Extended Abstract). In *Proceedings of the Second Annual ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing, Montreal, Quebec, Canada, August 17-19, 1983*. ACM, 27–30.
- [12] Piotr Berman and Juan A. Garay. 1989. Asymptotically optimal distributed consensus. In *Automata, Languages and Programming*.
- [13] Erica Blum, Jonathan Katz, Chen-Da Liu Zhang, and Julian Loss. 2020. Asynchronous Byzantine Agreement with Subquadratic Communication. *IACR Cryptol. ePrint Arch.* 2020 (2020), 851.
- [14] Dan Boneh, Ben Lynn, and Hovav Shacham. 2001. Short Signatures from the Weil Pairing. In *ASIACRYPT (Lecture Notes in Computer Science, Vol. 2248)*. Springer, 514–532.
- [15] Dan Boneh, Ben Lynn, and Hovav Shacham. 2004. Short Signatures from the Weil Pairing. *J. Cryptology* 17 (2004), 297–319.
- [16] Ethan Buchman. 2016. *Tendermint: Byzantine Fault Tolerance in the Age of Blockchains*. Ph.D. Dissertation. University of Guelph.
- [17] Vitalik Buterin and Virgil Griffith. 2017. Casper the Friendly Finality Gadget. *CoRR* abs/1710.09437 (2017).
- [18] Christian Cachin, Klaus Kursawe, Frank Petzold, and Victor Shoup. 2001. Secure and Efficient Asynchronous Broadcast Protocols. In *Advances in Cryptology - CRYPTO 2001, 21st Annual International Cryptology Conference, Santa Barbara, California, USA, August 19-23, 2001, Proceedings (Lecture Notes in Computer Science, Vol. 2139)*. Springer, 524–541.
- [19] Ran Canetti and Tal Rabin. 1993. Fast Asynchronous Byzantine Agreement with Optimal Resilience. In *Proceedings of the Twenty-Fifth Annual ACM Symposium on Theory of Computing*.
- [20] Miguel Castro and Barbara Liskov. 1999. Practical Byzantine Fault Tolerance. In *Proceedings of the Third Symposium on Operating Systems Design and Implementation (New Orleans, Louisiana, USA) (OSDI '99)*. USENIX Association, Berkeley, CA, USA.
- [21] Cynthia Dwork, Nancy A. Lynch, and Larry J. Stockmeyer. 1988. Consensus in the presence of partial synchrony. *J. ACM* (1988).
- [22] Michael J. Fischer, Nancy A. Lynch, and Mike Paterson. 1985. Impossibility of Distributed Consensus with One Faulty Process. *J. ACM* 32, 2 (1985), 374–382.
- [23] Peter Gazi, Aggelos Kiayias, and Alexander Russell. 2020. Tight Consistency Bounds for Bitcoin. In *Proceedings of the 2020 ACM SIGSAC Conference on Computer and Communications Security*.
- [24] Guy Golan-Gueta, Ittai Abraham, Shelly Grossman, Dahlia Malkhi, Benny Pinkas, Michael K. Reiter, Dragos-Adrian Seredinschi, Orr Tamir, and Alin Tomescu. 2018. SBFT: a Scalable Decentralized Trust Infrastructure for Blockchains. *CoRR* abs/1804.01626 (2018). arXiv:1804.01626 <http://arxiv.org/abs/1804.01626>
- [25] Eleftherios Kokoris-Kogias, Alexander Spiegelman, and Dahlia Malkhi. 2020. Asynchronous Distributed Key Generation for Computationally-Secure Randomness, Consensus, and Threshold Signatures. In *ACM CCS 2020*.
- [26] Ramakrishna Kotla, Lorenzo Alvisi, Michael Dahlin, Allen Clement, and Edmund L. Wong. 2009. Zyzzyva: Speculative Byzantine fault tolerance. *ACM Trans. Comput. Syst.* 27, 4 (2009), 7:1–7:39.
- [27] Leslie Lamport. 1998. The Part-time Parliament. *ACM Trans. Comput. Syst.* 16, 2 (May 1998), 133–169.
- [28] Leslie Lamport, Robert E. Shostak, and Marshall C. Pease. 1982. The Byzantine Generals Problem. *ACM Trans. Program. Lang. Syst.* (1982).
- [29] Libra Team. 2019. *State Machine Replication in the LibraBlockchain*. Version 2019-10-24.
- [30] Kartik Nayak, Ling Ren, Elaine Shi, Nitin H. Vaidya, and Zhuolun Xiang. 2020. Improved Extension Protocols for Byzantine Broadcast and Agreement. In *DISC (LIPIcs, Vol. 179)*. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 28:1–28:17.
- [31] Matthieu Rabaud. 2020. Malicious Security Comes for Free in Consensus with Leaders. *Cryptology ePrint Archive*, Report 2020/1480. version 2020-11-29 <https://eprint.iacr.org/eprint-bin/getfile.pl?entry=2020/1480&version=20201129:224740&file=1480.pdf>.
- [32] Victor Shoup. 2000. Practical Threshold Signatures. In *EUROCRYPT (Lecture Notes in Computer Science, Vol. 1807)*. Springer, 207–220.
- [33] Maofan Yin, Dahlia Malkhi, Michael K. Reiter, Guy Golan-Gueta, and Ittai Abraham. 2019. HotStuff: BFT Consensus with Linearity and Responsiveness. In *Proceedings of the 2019 ACM Symposium on Principles of Distributed Computing, PODC 2019, Toronto, ON, Canada, July 29 - August 2, 2019*. ACM, 347–356.