

REFERENCES

- [1] Elli Androulaki, Ghassan Karame, Marc Roeschlin, Tobias Scherer, and Srdjan Capkun. 2013. Evaluating User Privacy in Bitcoin. In *Proceedings of International Conference on Financial Cryptography and Data Security*. Springer, 34–51.
- [2] Nicola Atzei, Massimo Bartoletti, and Tiziana Cimoli. 2017. A Survey of Attacks on Ethereum Smart Contracts (SoK). In *Proceedings of International Conference on Principles of Security and Trust*. Springer, 164–186.
- [3] Massimo Bartoletti, Salvatore Carta, Tiziana Cimoli, and Roberto Saia. 2017. Dissecting Ponzi schemes on Ethereum: Identification, analysis, and impact. (2017). arXiv:1703.03779
- [4] Vitalik Buterin et al. 2014. A next-generation smart contract and decentralized application platform. *Ethereum white paper* (2014).
- [5] Tianqi Chen and Carlos Guestrin. 2016. XGBoost: A scalable tree boosting system. In *Proceedings of International Conference on Knowledge Discovery and Data Mining*. ACM, 785–794.
- [6] Ting Chen, Xiaohu Li, Xiapu Luo, and Xiaosong Zhang. 2017. Under-optimized smart contracts devour your money. In *Proceedings of International Conference on Software Analysis, Evolution and Reengineering*. IEEE Computer Society, 442–446.
- [7] Konstantinos Christidis and Michael Devetsikiotis. 2016. Blockchains and smart contracts for the internet of things. *IEEE Access* 4 (2016), 2292–2303.
- [8] Nicolas Christin. 2013. Traveling the silk road: A measurement analysis of a large anonymous online marketplace. In *Proceedings of International World Wide Web Conference*. International World Wide Web Conferences Steering Committee / ACM, 213–224.
- [9] CoinDesk. 2017. Understanding Ethereum-blockchain research report. (2017). Retrieved October 1, 2017 from www.coindesk.com/research/understanding-ethereum-report/
- [10] Marco Conoscenti, Antonio Vetro, and Juan Carlos De Martin. 2016. Blockchain for the Internet of Things: A systematic literature review. In *Proceedings of International Conference of Computer Systems and Applications*. IEEE, 1–6.
- [11] Christian Decker, Jochen Seidel, and Roger Wattenhofer. 2016. Bitcoin meets strong consistency. In *Proceedings of International Conference on Distributed Computing and Networking*. ACM, 13:1–13:10.
- [12] Craig Kent Elwell, M Maureen Murphy, and Michael V Seitzinger. 2013. Bitcoin: Questions, answers, and analysis of legal issues. (2013). Retrieved October 1, 2017 from <https://digital.library.unt.edu/ark:/67531/metadc272070/>
- [13] Jerome H Friedman. 2001. Greedy function approximation: A gradient boosting machine. *Annals of statistics* (2001), 1189–1232.
- [14] Hyperledger. 2015. Hyperledger project. (2015). Retrieved October 1, 2017 from <https://www.hyperledger.org/>
- [15] Ari Juels, Ahmed Kosba, and Elaine Shi. 2016. The ring of Gyges: Investigating the future of criminal smart contracts. In *Proceedings of International Conference on Computer and Communications Security*. ACM, 283–295.
- [16] Garrett Keirns. 2017. “Gemcoin” Ponzi scheme operator hit with \$74 million judgment. (March 2017). Retrieved October 1, 2017 from <https://www.coindesk.com/gemcoin-ponzi-scheme-operator-hit-74-million-judgment/>
- [17] Sunny King and Scott Nadal. 2012. Ppcoin: Peer-to-peer crypto-currency with proof-of-stake. *Ppcoin white paper* (2012).
- [18] Dániel Kondor, István Csabai, János Szüle, Márton Pósfai, and Gábor Vattay. 2014. Inferring the interplay between network structure and market effects in Bitcoin. *New Journal of Physics* 16, 12 (2014), 125003.
- [19] Dániel Kondor, Márton Pósfai, István Csabai, and Gábor Vattay. 2014. Do the rich get richer? An empirical analysis of the Bitcoin transaction network. *PLoS one* 9, 2 (2014), e86197.
- [20] Dániel Kondor, Márton Pósfai, István Csabai, and Gábor Vattay. 2016. From “Blockchain Hype” to a Real Business Case for Financial Markets. Available at SSRN 2760184 (2016).
- [21] David Mazieres. 2015. The stellar consensus protocol: A federated model for internet-level consensus. *Stellar Development Foundation* (2015).
- [22] Sarah Meiklejohn, Marjori Pomarole, Grant Jordan, Kirill Levchenko, Damon McCoy, Geoffrey M. Voelker, and Stefan Savage. 2016. A fistful of Bitcoins: characterizing payments among men with no names. *Commun. ACM* 59, 4 (2016), 86–93.
- [23] Tyler Moore and Nicolas Christin. 2013. Beware the Middleman: Empirical Analysis of Bitcoin-Exchange Risk. In *Proceedings of International Conference on Financial Cryptography and Data Security*. Springer, 25–33.
- [24] Tyler Moore, Jie Han, and Richard Clayton. 2012. The Postmodern Ponzi Scheme: Empirical Analysis of High-Yield Investment Programs. In *Proceedings of International Conference on Financial Cryptography and Data Security*, Vol. 7397. Springer, 41–56.
- [25] DAVID Z. MORRIS. 2017. The rise of cryptocurrency Ponzi schemes. (May 2017). Retrieved October 1, 2017 from <https://www.theatlantic.com/technology/archive/2017/05/cryptocurrency-ponzi-schemes/528624/>
- [26] Malte Moser, Rainer Bohme, and Dominic Breuker. 2013. An inquiry into money laundering tools in the Bitcoin ecosystem. In *Proceedings of eCrime Researchers Summit (eCRS)*. IEEE, 1–14.
- [27] Satoshi Nakamoto. 2008. Bitcoin: A peer-to-peer electronic cash system. (2008).
- [28] Namecoin. 2014. Namecoin project. (2014). Retrieved October 1, 2017 from <https://www.namecoin.org/>
- [29] Jens Neisius and Richard Clayton. 2014. Orchestrated crime: The high yield investment fraud ecosystem. In *proceedings of APWG Symposium on Electronic Crime Research (eCrime)*. IEEE, 48–58.
- [30] Alex Norta. 2015. Creation of Smart-Contracting Collaborations for Decentralized Autonomous Organizations. In *Proceedings of International Conference on Perspectives in Business Informatics Research*. Springer, 3–17.
- [31] Gareth William Peters and Efstathios Panayi. 2015. Understanding modern banking ledgers through blockchain technologies: future of transaction processing and smart contracts on the internet of money. (2015). arXiv:1511.05740
- [32] Fergal Reid and Martin Harrigan. 2013. An analysis of anonymity in the bitcoin system. In *Security and privacy in social networks*. Springer, 197–223.
- [33] Dorit Ron and Adi Shamir. 2013. Quantitative Analysis of the Full Bitcoin Transaction Graph. In *Proceedings of International Conference on Financial Cryptography and Data Security*. Springer, 6–24.
- [34] David Schwartz, Noah Youngs, and Arthur Britto. 2014. The Ripple protocol consensus algorithm. *Ripple Labs Inc White Paper* (2014).
- [35] Stan Higgins. 2015. SEC seizes assets from alleged altcoin pyramid scheme/. (Oct. 2015).
- [36] Melanie Swan. 2015. *Blockchain: Blueprint for a new economy*. O’Reilly Media, Inc.
- [37] Nick Szabo. 1996. Smart contracts: Building blocks for digital markets. (Sept. 1996). Retrieved October 1, 2017 from <http://www.fon.hum.uva.nl/>
- [38] Marie Vasek and Tyler Moore. 2015. There’s no free lunch, even using Bitcoin: Tracking the popularity and profits of virtual currency scams. In *Proceedings of International Conference on Financial Cryptography and Data Security*. Springer, 44–61.
- [39] Wikipedia. 2017. Ponzi scheme. (Oct. 2017). Retrieved October 1, 2017 from https://en.wikipedia.org/wiki/Ponzi_scheme
- [40] Gavin Wood. 2014. Ethereum: A secure decentralised generalised transaction ledger. *Ethereum Yellow Paper* (2014).
- [41] Aaron Yelowitz and Matthew Wilson. 2015. Characteristics of Bitcoin users: an analysis of Google search data. *Applied Economics Letters* 22, 13 (2015), 1030–1036.
- [42] Li Yujian and Liu Bo. 2007. A normalized Levenshtein distance metric. *IEEE transactions on pattern analysis and machine intelligence* 29, 6 (2007), 1091–1095.
- [43] Zibin Zheng, Shaoan Xie, Hongning Dai, Xiangping Chen, and Huaimin Wang. 2016. Blockchain challenges and opportunities: A survey. *International Journal of Web and Grid Services* (2016).
- [44] Zibin Zheng, Shaoan Xie, Hongning Dai, Xiangping Chen, and Huaimin Wang. 2017. An overview of blockchain technology: Architecture, consensus, and future trends. In *Proceedings of International Congress on Big Data*. IEEE Computer Society, 557–564.