

Research Institute for Cryptoeconomics Publication List

- *Barclay, Iain, Cooper, Michael, Hackel, Jakob and Perrin, Paul (2022) Tokenizing Behavior Change: A Pathway for the Sustainable Development Goals, in: Frontiers in Blockchain, 4 (730101). <https://doi.org/10.3389/fbloc.2021.730101>*
- *Crespo Cuaresma J. Costantini M. and Hlouskova J., 'Forecasting Errors, Directional Accuracy and Profitability of Currency Trading: The Case of EUR/USD Exchange Rate', Journal of Forecasting, 35.7 (2016), 652–68.*
- *Di Ciccio, Claudio, Cecconi, Alessio, Mendling, Jan, Felix, Dominik, Haas, Dominik, Lilek, Daniel, Riel, Florian, Rumpf, Andreas, and Uhlig, Philipp (2018) Blockchain-Based Traceability of Inter-organisational Business Processes in BMSD 2018, 56-68, Springer. DOI: 10.1007/978-3-319-94214-8_4*
- *Di Ciccio, Claudio, Cecconi, Alessio, Dumas, Marlon, García-Bañuelos, Luciano, López-Pintado, Orlenys, Lu, Qinghua, Mendling, Jan, Ponomarev, Alexander, Binh Tran, An, and Weber, Ingo (2019) Blockchain Support for Collaborative Business Processes in Informatik Spektrum 42(3), 182–190. DOI: 10.1007/s00287-019-01178-x (Open access)*
- *Eberhard, Harald: Datenschutzrecht, in: Holoubek/Potacs (Hrsg), Handbuch des öffentlichen Wirtschaftsrechts, Band 1 (3. Aufl 2013) 275-307 (gemeinsam mit Alfred Duschanek)*
- *Eberhard, Harald: Datenschutzrecht, in: Holoubek/Potacs (Hrsg), Handbuch des öffentlichen Wirtschaftsrechts, Band 1 (4. Aufl 2019, in Druck)*
- *Eberhard, Harald: „Datenschutz – Schnittstellen zwischen öffentlichem Recht und Privatrecht“, Vortrag beim Fachseminar Privatrecht einschließlich zivilgerichtliches Verfahren, Wirtschaftsuniversität Wien, 2.12.2015*
- *Eberhard, Harald: Datenschutzrecht, Modul „Kommunikation und Informationstechnologie“, Master of Business Law, WU, Wien, 21.7.2017 (gemeinsam mit Claudia Fuchs)*
- *Eberhard, Harald: „Datenschutz und Transparenzverpflichtungen“, Vortrag beim Symposium „Datenschutzrecht“, WiR – Studiengesellschaft für Wirtschaft und Recht, 8./9.11.2018*
- *Eisl, A., Gasser, S., & Weinmayer, K. (2015). Caveat emptor: Does Bitcoin improve portfolio diversification?. Available at SSRN 2408997.*
- *Filippova, E. (2019, June). Empirical Evidence and Economic Implications of Blockchain as a General Purpose Technology. IEEE Technology & Engineering Management Conference (TEMSCON) (pp. 196 - 203), IEEE. - forthcoming*
- *Filippova, E., Scharl, A., Filippov, P. (2019, June). Blockchain: an Empirical Investigation of its Scope for Improvement. In International Conference on Blockchain. Springer, Cham. - BEST PAPER AWARD ICBC*
- *Filippova E. (2019, August). Blockchain Materialization as a General Purpose Technology: a Research Framework. In European Conference on Parallel and Distributed Computing. Springer, Cham. – forthcoming*
- *Foster, G., Lamura, M., Hackel, J. (2020). “Kultur-Token” Sustainable Business Model: Visualizing, Tokenizing, and Rewarding Mobility Behavior in Vienna, Austria. Working Paper Series / Institute for Cryptoeconomics / Interdisciplinary Research. WU Vienna University of Economics and Business, Vienna. <https://epub.wu.ac.at/7777/1/Kultur-Token%20FBMC%20WorkingPaper.pdf>*

- Hackel, Jakob, Yamamoto, Hitoshi, Okada, Isamu, Taudes, Alfred, Goto, Akira. 2021. Asymmetric effects of social and economic incentives on cooperation in real effort based public goods games. *PLoS ONE*. 16 (4)
- Mendling, Jan, Weber, Ingo, Aalst, Wil Van Der, Brocke, Jan Vom, Cabanillas, Cristina, Daniel, Florian, Debois, Søren, Di Ciccio, Claudio, Dumas, Marlon, Dustdar, Schahram, Gal, Avigdor, García-Bañuelos, Luciano, Governatori, Guido, Hull, Richard, La Rosa, Marcello, Leopold, Henrik, Leymann, Frank, Recker, Jan, Reichert, Manfred, Reijers, Hajo A., Rinderle-Ma, Stefanie, Solti, Andreas, Rosemann, Michael, Schulte, Stefan, Singh, Munindar P., Slaats, Tijs, Staples, Mark, Weber, Barbara, Weidlich, Matthias, Weske, Mathias, Xu, Xiwei, and Zhu, Liming (2018) *Blockchains for Business Process Management - Challenges and Opportunities in ACM Trans. Manage. Inf. Syst.*, 9 (1), 4:1-4:16. DOI: 10.1145/3183367
- Mendling, Jan and others, 'Blockchains for Business Process Management - Challenges and Opportunities', *ACM Transactions on Management Information Systems*, 9.1 (2018), 1–16 <<https://doi.org/10.1145/3183367>>.
- Mühlberger, Roman, Bachhofner, Stefan, Di Ciccio, Claudio, García-Bañuelos, Luciano, and López-Pintado, Orleny (2019) *Extracting Event Logs for Process Mining from Data Stored on the Blockchain in Second Workshop on Security and Privacy-enhanced Business Process Management (SPBP)*, BPM Workshops, September 2nd, 2019, Vienna, Austria 2019, Springer. (To appear)
- Migai, Clement, Olowska, Marta, *Taxation, transparency and the Sustainable Development Goals: what role can blockchain play in African countries?*, *Frontiers in Blockchain* (to appear 2019)
- Owens, Jeffrey. 2018. *Blockchain and Tax: From Dreams to Reality. International Taxation in China*. (9), 23-27.
- Owens, Jeffrey, de Jong, Julia. 2017. *Taxation on the Blockchain: Opportunities and Challenges. Tax Notes International* Aug 7, 601-612.
- Owens, Jeffrey, Meyer, Alexander, de Jong, Julia. 2017. *Using blockchain for transparent beneficial ownership registers. International Tax Review*.
- Paruch, Krzysztof, Diem, Maximilian, Furlinger, Sarah, 2019. *Blockchain - Die neue Technologie: Chancen, Risiken und Herausforderungen aus der Perspektive des Kartellrechts. Österreichische Zeitschrift für Kartellrecht (Austrian Competition Journal)*, September 2019 / Heft 4, Seiten 136-141
- Shorish, Jamsheed and Stephenson, Matt and Zargham, Michael (2021) *A PRACTICAL THEORY OF FUNGIBILITY*. Working Paper Series / Institute for Cryptoeconomics / Interdisciplinary Research.
- Sim, Sam, Owens, Jeffrey, Petruzzi, Raffaele, Tavares, Romero J.S., Migai, Clement. 2017. *Blockchain, Transfer Pricing, Customs Valuations, and Indirect Taxes: Transforming the Global Tax Environment. Bloomberg BNA* 26, 209.
- Taudes, Alfred, Hackel, Jakob, Haunold, Wolfgang, Hermanky, Hannes (2021) *Distributed ledger technologies for securities settlement – the case for running T2S on DLT. National Tax Journal*. Q2/21, 13-33.
https://epub.wu.ac.at/8203/1/Taudes_Hackel_Distributed-ledger-techn-for-securities-settlement_2021.pdf
- Voshmgir, Shermin (2019) *Token Economy*
- Voshmgir, Shermin (2019) *Rechtshandbuch Smart Contracts, chapter contribution, C.H.Beck Verlag*

- Voshmgir, Shermin (2019) *What is Token Economy*, O'Reilly Report: <https://www.oreilly.com/library/view/what-is-the/9781492072973/>
- Voshmgir, Shermin (2020) *Token Ökonomie*, O'Reilly, forthcoming
- Voshmgir, Shermin (2017) *Disrupting Governance with Blockchains & Smart Contracts in Special Issue of Strategic Change: Briefings in Entrepreneurial Finance (SCBIEF)*, <https://doi.org/10.1002/jsc.2150>
- Voshmgir, Shermin and Zargham, Michael (2019) *Foundations of Cryptoeconomic Systems*, *Cryptoeconomic Systems Journal*, MIT Digital Currency Initiative, March 2020: <https://epub.wu.ac.at/7782/1/Foundations%20of%20Cryptoeconomic%20Systems.pdf>
- Voshmgir, Shermin and Wildenberg, Martin and Rammel, Christian and Novakovic, Tatjana (2019) *Sustainable Development Report: Blockchain, the Web3 & the SDGs*. Working Paper Series / Institute for Cryptoeconomics / Interdisciplinary Research. Research Institute for Cryptoeconomics, Vienna.
- Weber, I., Xu, X., Riveret, R., Governatori, G., Ponomarev, A., & Mendling, J. (2016, September). *Untrusted business process monitoring and execution using blockchain*. In *International Conference on Business Process Management* (pp. 329-347). Springer, Cham.
- Zargham, Michael; Shorish, Jamsheed; Paruch, Krzysztof (2019) *From Curved Bonding to Configuration Spaces*. Working Paper Series / Institute for Cryptoeconomics / Interdisciplinary Research: https://epub.wu.ac.at/7385/1/zargham_shorish_paruch.pdf
- Zargham, Michael and Paruch, Krzysztof and Shorish, Jamsheed (2020) *Economic Games as Estimators*. Working Paper Series / Institute for Cryptoeconomics / Interdisciplinary Research: https://epub.wu.ac.at/7433/1/zargham_paruch_shorish.pdf

Blog Activities

- *Der Standard: Kryptoökonomie Blog*: <https://www.derstandard.at/web/itbusiness/ub-blog-kryptooekonomie>
- *Medium @crypto3economics*: <https://medium.com/crypto3economics/>