## References

- [1] A. J. Bellia, "Promises, Trust, and Contract Law," 47 AM.J.JURIS., vol. 25, pp. 25-26, 2002.
- [2] G. Valentina, L. Fabrizio, D. Claudio, P. Chiara and S. Víctor, "Blockchain and Smart Contracts for Insurance: Is the Technology Mature Enough?," MDPI, Basel, Switzerland, 2018.
- [3] ChainTrade, "10 Advantages of Using Smart Contracts," Medium, 27 Dec 2017. [Online]. Available: https://medium.com/@ChainTrade/10-advantages-of-using-smart-contracts-bc29c508691a. [Accessed 25 June 2018].
- [4] "Solidity," 2018. [Online]. Available: https://solidity.readthedocs.io/en/v0.4.25/. [Accessed 26 11 2018].
- [5] A. C. Paulus, "Implementation of Blockchain Powered Smart Contracts in Governmental Services," Delft University of Technology, 2018.
- [6] Lucid Software Inc., "What is Business Process Modeling Notation," Lucidchart, 2019. [Online]. Available: https://www.lucidchart.com/pages/bpmn. [Accessed 1 June 2019].
- [7] J. Ladleif, M. Weske and I. Weber, "Modeling and Enforcing Blockchain-Based Choreographies," *BPM 2019*, vol. 11675, no. Lecture Notes in Computer Science, pp. 69-85, 2019.
- [8] L. Severeijns, "What is blockchain? How is it going to affect Business?," Vrije Universiteit, Amsterdam, 2017.
- [9] ISCA, "Blockchain: Re-imagining Multi-Party Transactions for Businesses," Institute of Singapore Chartered Accountants, Singapore, 2017.
- [10] L. Aldin and S. d. Cesare, "A Comparative Analysis Of Business Process Modelling Techniques," in *U.K. Academy for Information Systems (UKAIS 2009), 14th Annual Conference*, UK, 2009.
- [11] R. Koncevičs, L. Penicina, A. Gaidukovs, M. Darģis, R. Burbo and A. Auziņš, "Comparative Analysis of Business Process Modelling Tools for Compliance Management Support," *The Journal of Riga Technical University*, vol. 21, pp. 22-27, 2017.
- [12] T. K. Sharma, "WHAT IS SOLIDITY, PROGRAMMING LANGUAGE FOR ETHEREUM SMART CONTRACTS?," Blockchain Council, 2 September 2017. [Online]. Available: https://www.blockchain-council.org/ethereum/what-is-solidity-programming-language-for-ethereum-smart-contracts/. [Accessed 2 June 2019].
- [13] O. López-Pintado, B. García-Bañuelos, M. Dumas and I. Weber, "Caterpillar: A Blockchain-Based BusinessProcess Management System," in *Proceedings of the BPM Demo Track and BPM Dissertation Award co-locatedwith 15th International Conference on Business Process Modeling (BPM 2017)*,, Barcelona, Spain, eptember 13, 2017..

- [14] O. López-Pintado, L. García-Bañuelos, M. Dumas and I. Weber, "CATERPILLAR: A Business Process Execution Engine on the Ethereum Block," *Software: Practice and Experience*, no. 00, pp. 01-45, 2018.
- [15] S. Schmidt and M. Jung, "The unified framework for blockchain based business integration," Unibright, 2018.
- [16] L. García-Bañuelos, A. Ponomarev, M. Dumas and I. Weber, "Optimized Execution of Business Processes on Blockchain," in *Business Process Management: 15th International Conference*, Barcelona, Spain, 2017.
- [17] I. Weber, X. Xu, R. Riveret, G. Governatori, A. Ponomarev and J. Mendling, "Untrusted Business Process Monitoring and Execution Using Blockchain," in *BPM 2016*, Rio de Janeiro, Brazil, Springer, Cham, Sept. 2016, pp. 329-347.
- [18] I. Weber, X. Xu, R. Riveret, G. Governatori, A. Ponomarev and J. Mendling, "Using Blockchain to Enable Untrusted Business Process Monitoring and Execution, Technical Report UNSW-CSE-TR-201609," University of New South Wales, 2016.
- [19] "The usage of BPMN library to define workflow," 03 01 2017. [Online]. Available: https://dspace.cvut.cz/bitstream/handle/10467/66832/F3-BP-2017-Brichkova-Evgeniya-The\_usage\_of\_BPMN\_library\_to\_define\_workflow.pdf. [Accessed 20 04 2019].
- [20] M. Muehlen zur and J. Recker, "How Much Language is Enough? Theoretical and Practical Use of the Business Process Modeling Notation.," in *In Proc. CAiSE*, 2008.
- [21] P. Hegedűs, "Towards Analyzing the Complexity Landscape of Solidity Based Ethereum Smart Contracts," *MTA-SZTE Research Group on Artificial Intelligence*, vol. 7, no. 1, p. 6, 2019.
- [22] L. M. Laird and M. C. Brennan, "Cyclomatic Complexity," in *Software Measurement and Estimation: A Practical Approach*, New Jersey, A John Wiley & Sons, Inc., 2006, pp. 58-62.
- [23] S. J. Naqvi, "Converting a Property Rental Paper Contract into a Smart Contract," Medium, 24 April 2017. [Online]. Available: https://medium.com/@naqvi.jafar91/converting-a-property-rental-paper-contract-into-a-smart-contract-daa054fdf8a7. [Accessed 1 June 2019].
- [24] Q. Fang, "shares-contract," Github, 23 April 2018. [Online]. Available: https://github.com/qimingfang/shares-contract. [Accessed 1 May 2019].
- [25] P. Brudny, "learning-solidity-2018," Medium, 1 August 2018. [Online]. Available: https://github.com/pbrudny/learning-solidity-2018. [Accessed 4 April 2019].
- [26] "Multi Party Settlement," Merit Systems Private Limited, [Online]. Available: http://meritsystems.com/multi-party-settlement/. [Accessed 26 June 2018].
- [27] A. Awaysheh and R. D. Klassen, "The impact of supply chain structure on the use of supplier socially responsible practices," *International Journal of Operations & Production Management*, vol. 30, no. 12, pp. 1246-1268, 2010.
- [28] K. Francisco and D. Swanson, "The Supply Chain Has No Clothes: Technology Adoption of Blockchain for Supply Chain Transparency,"

- Department of Marketing & Logistics, University of North Florida, Jacksonville, 2018.
- [29] A. Wright and P. De Filippi, "Decentralized Blockchain Technology and the Rise of Lex Cryptographia," p. 58, 10 March 2015.
- [30] S. Seebacher and R. Schuritz, "Blockchain Technology as an Enabler of Service Systems: A Structured Literature Review," in *The International Conference on Exploring Services Science*, Rome, 2017.
- [31] G. V. Research, "Blockchain Technology Market Size, Share & Trends Analysis Report By Type (Public, Private, Hybrid), By Application (Financial Services, Consumer Products, Technology, Telecom), And Segment Forecasts, 2018 2024," San Francisco, United States, 2018.
- [32] V. Buterin, "Ethereum White Paper: A NEXT GENERATION SMART CONTRACT & DECENTRALIZED APPLICATION PLATFORM," 2014.
- [33] Object Management Group (OMG), "Business Process Model and Notation (BPMN)," OMG, 2013.