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Department: Information Systems, Data Analytics and Operations
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RESEARCH INTERESTS

blockchain, Cryptocurrencies, decentralization, systems governance, Management of Information

EDUCATION

2020	Doctor of Philosophy, Other, Information Systems and Decision Sciences, IT University of Copenhagen, Denmark
2017	Master of Science, Business Administration and Information Systems, Copenhagen Business School, Denmark
2014	Bachelor of Science, Business administration, University of Göttingen, Germany

EMPLOYMENT

Full-time academic positions

2021 - Present	Assistant Professor, ESSEC Business School, France

Other affiliations and appointments

2026 - 2029	Associate Academic Director Metalab Institute for AI, Data, and Society, ESSEC Business School, France
2020 - 2021	Postdoctoral Researcher, IT University of Copenhagen, Denmark
2019 - 2019	Visiting Scholar, New York University, United States of America

GRANTS AND HONORS

Awards and Honors

2021	AIS Impact Award

PUBLICATIONS

Journal Articles

CIRIELLO, R.F., MARX, J., CHEONG, M., MUELLER-BLOCH, C. and MATHIASSEN, L. (2026). Decentralized Social Media. *Business and Information Systems Engineering*, 68, pp. 219-234.

MUELLER-BLOCH, C. and CIRIELLO, R.F. (2026). Governing social media as a public utility. *Communications of the ACM*, 69(10), pp. 31-34.

MUELLER-BLOCH, C., ANDERSEN, J.V., SPASOVSKI, J. and HAHN, J. (2024). Understanding decentralization of decision-making power in proof-of-stake blockchains: an agent-based simulation approach. *European Journal of Information Systems*, 33(3), pp. 267-286.

CIRIELLO, R.F., TORBENSEN, A.C.G., HANSEN, M.R.P. and MUELLER-BLOCH, C. (2023). Blockchain-based digital rights management systems: Design principles for the music industry. *Electronic Markets*, 33(1), pp. 1-21.

BAKOS, Y., HALABURDA, H. and MUELLER-BLOCH, C. (2021). When Permissioned Blockchains Deliver More Decentralization Than Permissionless. *Communications of the ACM*, 64(2), pp. 20-22.

HALABURDA, H. and MUELLER-BLOCH, C. (2020). Toward a Multidimensional Conceptualization of Decentralization in Blockchain Governance: Commentary on “Two Sides of the Same Coin? Decentralized versus Proprietary Blockchains and the Performance of Digital Currencies” by Cennamo, Marchesi, and Meyer. *Academy of Management Discoveries*, 6(4), pp. 712-714.

ROSSI, M., MUELLER-BLOCH, C., THATCHER, J.B. and BECK, R. (2019). Blockchain Research in Information Systems: Current Trends and an Inclusive Future Research Agenda. *Journal of the Association for Information Systems*, 20(9), pp. 1390-1405.

HALABURDA, H. and MUELLER-BLOCH, C. (2019). Will We Realize Blockchain’s Promise of Decentralization? *Harvard Business Review (online)*.

BECK, R., MUELLER-BLOCH, C. and KING, J.L. (2018). Governance in the Blockchain Economy: A Framework and Research Agenda. *Journal of the Association for Information Systems*, 19(10), pp. 1020-1034.

Book chapters

MUELLER-BLOCH, C. and RISIUS, M. (2026). Smart contract. In: Roman Beck (ed.). *Elgar Encyclopedia of Cryptocurrencies, Blockchain and DLT*. 1st ed. Cheltenham: Edward Elgar Publishing, pp. 216-219.

Conferences

MUELLER-BLOCH, C. (2025). Promises and Perils of Decentralization in the Blockchain Age. In: 2025 International Conference on Information Systems (ICIS). Nashville.

MUELLER-BLOCH, C. (2024). Opportunities and Challenges of Decentralization in the Blockchain Age. In: 84th Annual Meeting of the Academy of Management (AOM 2024). Chicago.

ZHANG, R., MUELLER-BLOCH, C., XUE, L. and RAMESH, B. (2024). The Differential Effects of Resource Provision Decentralization and the Mediating Role of Governance Engagement for the Sustainability of Blockchain Platforms. In: 2nd Annual Business of Blockchain Technology Conference 2024. Miami.

MUELLER-BLOCH, C. (2022). On the Usefulness of Cryptocurrencies. In: 2022 International Conference on Information Systems. Copenhagen.

KYRIAKOU, H. and MUELLER-BLOCH, C. (2022). Blockchain: Challenges and Opportunities for Management Research. In: 2022 Academy of Management Annual Meeting. Seattle.

Published Cases

APPLEGATE, L., MUELLER-BLOCH, C. and BECK, R. (2017). Deutsche Bank: Pursuing Blockchain Opportunities (A). Harvard Business School, pp. 1-13.

APPLEGATE, L., MUELLER-BLOCH, C. and BECK, R. (2017). Deutsche Bank: Pursuing Blockchain Opportunities (B). Harvard Business School, pp. 1-2.

Press

MUELLER-BLOCH, C. (2022). Are cryptocurrencies over? Not so fast. *ESSEC Knowledge*.

OTHER RESEARCH ACTIVITIES

Editorial Board Membership

Since 2026 Journal of Information Technology