# Christoph MUELLER-BLOCH

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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

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|---|---|
| 2021 - Present | Assistant Professor, ESSEC Business School, France |

### Other affiliations and appointments

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| 2026 - Present | 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

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| 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