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INTERETS DE RECHERCHE

blockchain, Cryptocurrencies, décentralisation, gouvernance des systèmes, Management des

FORMATION

2020	Doctor of Philosophy, Autre, Systèmes d'informations et Sciences de la décision, IT University of Copenhagen, Danemark
2017	Master of Science, Business Administration and Information Systems, Copenhagen Business School, Danemark
2014	Bachelor of Science, Science de gestion, University of Göttingen, Allemagne

EXPERIENCE PROFESSIONNELLE

Positions académiques principales

2021 - Présent	Professeur assistant, ESSEC Business School, France

Autres affiliations académiques

2026 - 2029	Co-directeur Académique Adjoint Metalab Institute pour l'Intelligence Artificielle, la donnée et la société, ESSEC Business School, France
2020 - 2021	Chercheur postdoctoral, IT University of Copenhagen, Danemark
2019 - 2019	Chercheur Invité, New York University, États-Unis

BOURSES, PRIX ET DISTINCTIONS

Prix et Distinctions

2021	AIS Impact Award

PUBLICATIONS

Articles

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

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

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

BECK, R., MUELLER-BLOCH, C. et 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.

Chapitres d’ouvrage

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

Conférences

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

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

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

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

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

Etudes de cas publiées

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

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

Presse

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

AUTRES ACTIVITES DE RECHERCHE

Membre d'un comité de lecture

Depuis 2026 Journal of Information Technology