Special issue on:
Blockchain, Cryptocurrencies and Distributed Organizations

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Main topic:

The purpose of this special issue is to develop a broader and inclusive examination of the disruptive potential of blockchain and cryptocurrencies to foster cutting-edge researches that contribute to understand the environmental, economic, social, political, and legal impacts of blockchain to leverage distributed organizations.

Aims and scope:

In the last twenty years, advances in the fields of cryptography and decentralized computer networks have resulted in the emergence of blockchain and cryptocurrencies. Blockchain is a decentralized transaction and data management technology, operating in a distributed manner without a central database that may be jeopardized. The assurance of reliability does not occur through intermediaries, such as governments or banks, but through cryptographic technologies. There is no authority responsible for conducting transaction audits and maintaining records. The network is public. Anyone can access it at any time.

Blockchain and cryptocurrencies enable new systems that are created by shaping social, physical, and technological environments via IT-oriented design. As a foundational technology (Iansiti & Lakhani, 2017), blockchain has the potential to break away from the foundations of economic and social systems, instituting new realities and forcing companies to rethink their business models. The idea of business model popularized in the 2000s deploys resources and activities of a particular company to create value for customers. Even the open approach that emphasizes interdependencies and spans boundaries has the focal company as the locus of value generation and value capture. The distributed logic of blockchain and cryptocurrencies challenges those propositions, raising questions for scholars and practitioners: How might blockchain transform business? How might the distributed logic of blockchain change the company centric business models? In which industries blockchain is actually affecting business?

These questions show that more research required to fully understand blockchain impact on strategy and the new business models that are designed to generate and capture value in a distributed economy. The purpose of this special issue is to develop a broader and inclusive analysis of the disruptive potential of blockchain to leverage new business models. It aims to foster cutting-edge researches that contribute to understand the environmental, economic, social, political, and legal impacts of blockchain. We invite both theoretical and empirical papers, adopting quantitative or qualitative methods. Innovative approaches to the study of blockchain, cryptocurrencies, new business models and related phenomena are particularly desirable.
Potential topics include, but are not limited to:

- Blockchain-enabled new business models
- Cryptocurrencies, digital money, and blockchain-based payment systems
- New business relationships based on blockchain
- Decentralized autonomous organizations (DAOs)
- Blockchain based knowledge and innovation management
- Blockchain and distributed ledger technology
- Use cases and application of blockchain in specific sectors: finance, logistics, and others
- Institutional challenges: standards, privacy, insurance and taxation
- Data management and data governance issues related to blockchain
- Smart contracts-based business process logic
- Novel approaches to development of blockchain applications
- The interplay between open source and blockchain technology
- Legal issues with smart contracts and blockchain platforms
- Physical asset management with blockchain

References:


Important dates:

Two-page proposal by authors: June 30, 2020
Submission of full papers: September 30, 2020
Initial decision sent to authors: January 30, 2021
Deadline for revised papers: March 31, 2021
Notification of acceptance: May 31, 2021
Deadline for final versions: July 31, 2021
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Please submit papers through BAR’s submission system (https://mc04.manuscriptcentral.com/bar-scielo) mentioning that the submission is for this special issue. Guidelines can be found at: https://bar.anpad.org.br/index.php/bar/submission

All submissions will be subject to double-blind peer review. The special issue guest editors will select associate editors and reviewers from BAR’s editorial boards to work in the review process.
Guest editors:

Dr. Jorge Renato Verschoore holds a PhD holds a Ph.D. degree in Business Administration from the Federal University of Rio Grande do Sul (2006). Visiting Scholar at the University of California, Berkeley (2015-16) and Poitiers University (2012-15). He is full professor of strategy at the Business and Management School of Unisinos University and the leader of GeRedes/CNPq (Brazilian Group for Interorganizational Network Studies). Currently, he is the CAPES coordinator of master and doctorate professional programs (2017-21). He has published numerous academic papers on strategy at international conferences (SMS, EGOS, and Academy of Management) and journals such as Project Management Journal, Journal of Management and Governance, Journal of Construction Engineering and Management, European Business Review, Journal of Environment and Sustainable Development, Journal of Technology, Policy and Management, and Journal of Management in Engineering. His current research interests include interorganizational relations, network cooperation, coopetition, strategic platforms, and blockchain.

Dr. Eduardo Henrique Diniz holds a Ph.D. degree in Business Administration from the Getulio Vargas Foundation - SP (2000). Visiting Scholar at the University of California, Berkeley (1996-98), HEC Montréal (2007) and Erasmus University (2016-17). He is the Bellagio Fellow, nominated by the Rockefeller Foundation in 2014 and a researcher at the FGV's Microfinance and Financial Inclusion Center, GVcemif since 2007. He coordinated ADI's academic division of the National Association for Graduate Studies and Research in Administration (Anpad) from 2005 to 2006 and Coordinator of Information Technology in Government, Non-Governmental Communities and Organizations at Anpad (2007-2009). He has been a researcher at the State Administration School of the São Paulo Getulio Vargas Foundation (EAESP-FGV) since 1999, he was editor-in-chief of the RAE, Revista de Administração de Empresas, GVexecutivo and GVcasos, from January 2009 to December 2015. He has researched technology applications and impacts on banks, government and society since 1991 and has published numerous academic papers on financial inclusion at international conferences (ICIS, EGOS, Academy of Management, AMCIS etc.) and journals MISQuarterly, Journal of Global Information Management, Public Administration, MIT Innovations, Information Technology and International Development, Information Development and Electronic Commerce Research and Applications, The European Financial Review. His research was funded by international agencies such as the National Science Foundation, the International Development Research Center, the World Bank, the Gates Foundation and the Rockefeller Foundation. He has been invited to present his research work at central banks and bank federations in Brazil, Mexico, India and Colombia.

Dr. Ricardo Colomo-Palacios, Full Professor at the Computer Science Department of the Østfold University College, Norway. Formerly he worked at Universidad Carlos III de Madrid, Spain. His research interests include applied research in information systems, software project management, people in software projects, business software, software and services process improvement and web science. He received his PhD in Computer Science from the Universidad Politécnica of Madrid (2005). He also holds a MBA from the Instituto de Empresa (2002). He has been working as Software Engineer, Project Manager and Software Engineering Consultant in several companies including Spanish IT leader INDRA. He is also an Editorial Board Member and Associate Editor for several international journals and conferences and Editor-in-chief of International Journal of Human Capital and Information Technology Professionals (Emeritus since August 2018).