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The Role of Emergent Distributed Ledger Technologies (DLT) including Blockchain and Cryptocurrencies in Achieving Business Resilience and Productivity

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The impact of DLT on the enhancement of productivity growth of corporations and optimisation of business resilience, are yet to be fully understood by researchers and practitioners. There is an observed disconnect in extant research efforts with regard to both the development of a theoretical mechanism and an empirical design via which the DLT can unleash sustainability and ensure superiority of productivity growth, underpinned by the broader objective of the enhancement of business resilience (Dubey et al., 2019). More so, there is an urgent need of rigorous empirical research, driven by the increasing availability of both primary or secondary data (Fisher et al., 2019). This Special Issue (SI) has a broad aim: to bring within one common lens both the theoretical architectures and theory-driven empirical designs to provide a first-hand information mechanism to position various aspects of DLT for productivity growth.

Suggested topics are, but not limited to:

- o Explore the block chain technology acceptance, and the adoption of DLTs worldwide.
- o Examine the economic impact of DLT innovation on financial and non-financial sectors.
- o Gain an understanding of how block chain and cryptocurrency can contribute to economic performance and well-being.
- o Investigate the relationships between cryptocurrencies, block chain and DLT technologies.
- o Explore the DLT related financial and non-financial regulatory and legislation frameworks to prevent fraudulent actions.
- o Examine the effect of blockchain and cryptocurrencies on economic transactions, trade, employment, and smart contracts.
- o Investigate organisational and institutional barriers and capability difficulties in adjusting to DLTs.
- o Discuss difference in DLT adoption experience and support between SMEs' and large firms.
- o Contrast DLT creativity and innovation between developed and developing countries.
- o Allow cross-country comparisons in firm technological and cryptocurrency adoption strategies and C-level attitudes as well as in outcomes.
- o Examine Organisational strategies towards facing and reducing cyber risks in the blockchain and crypto assets.
- o Explain how DLT can strengthen the trust between firms, consumers, and investors.
- o Examine the link between DLTs, energy markets and sustainable infrastructure.

Submission Process:

Please prepare the manuscript according to IEEE-TEM's guidelines and submit the journal's Manuscript Central site (<https://mc.manuscriptcentral.com/tem-ieee>). Please clearly state in the cover letter that the submission is for this special issue.

**Papers will be evaluated on a rolling basis.
Deadline is December 31 2023**