

JOURNAL OF BUSINESS LOGISTICS

Call for Proposals: Special Topic Forum

Disruptive-Techs and the (Real) Value Creation to Firms and Supply Chains in Today's Industry: A Proactive Perspective

Global supply chains (SCs) are exposed to intertwined, simultaneous, and prolonged disruptions (ISPD) (Falcone et al., 2021; Queiroz et al., 2020) including but not limited to pandemic outbreaks, climate change, Brexit, financial crises, and war. These and other extreme events cause negative impacts in the short, middle, and long term and may call for the accelerated adoption of digital technologies (van Hoek, 2021). The interdependence of global SCs amplifies negative effects from one crisis to another, contributing to the long-term impact of disruptions. For instance, the onset of COVID-19 combined with Brexit expanded UK shortages in supermarkets products, labor, raw materials, etc.

Using disruptive technologies (disruptive-techs) can play a decisive role in not only supporting the operations of the firms and their SCs (Dolgui & Ivanov, 2020), but also in value creation. In this view, it is best practice to take proactive actions (Knemeyer et al., 2009) in managing the firms' technology resources through the SCs. Bode et al. (2021) highlighted the prominence of proactive actions of managers to improve SC responsiveness in the wake of disruption, but it isn't clear how managers can or are using disruptive-techs to support the operations of their firms and SCs, and, at the same time, add value (Richey et al., 2021).

We thus call attention to the need for researchers to make tangible contributions to – **what, why, where and how** – disruptive-techs may or may not create value for the firms and SCs.

In view of this, the Special Topic Forum (STF) call for **proposals** aims to shed more light on the discussion about the (real) value creation of the disruptive-techs to the logistics and SCs today's industry by the lenses of a proactive perspective. Therefore, this STF invites proposals exploring empirical approaches to advance the debate about how disruptive-techs are effectively creating value to firms and their SCs, supported by proactive management. At the same time that we are interested in advance of the literature on this topic, we expect the finest papers showing real examples related to the real value that is being created.

The major topics of interest include, but are not limited to:

How disruptive-techs (e.g., Artificial Intelligence, Big Data Analytics, Blockchain, Digital Twin, IoT, 3D printing, Virtual/Augmented Reality, etc.) are effectively creating value to firms and supply chains.

The role of managers in enabling different types of disruptive-techs to value creation through the SCs.

The necessary resources and capabilities to enable value creation for firms and SCs.

Real examples exploring different types of real value enabled by disruptive-techs (e.g., smart delivery, same-day delivery, dark stores, product traceability, etc.).

The interplay between disruptive-techs and proactive management to add value and minimize the negative effects on global supply chains challenges (e.g., ports congestion, container demand, truck-drivers shortage, war risks, etc.).

Critical success factors of disruptive-techs and proactive management to improve performance and add value to the SCs.

This is a call for **proposals**, *not* full papers.

Proposals should be double-spaced with no less than one-inch margins and twelve-point font. Proposals should be no more than seven pages of text. References (single-spaced with a space between entries), tables, and appendices do not count against this page limit; authors can include up to ten pages of such materials in addition to the seven pages of text. Proposals that exceed these limits will not receive consideration. Any given author is limited to participating in one proposal. The guest editors will not be able to pre-screen ideas or rough drafts, but authors are encouraged to seek feedback from trusted colleagues prior to submission. Proposals will be evaluated based on these

criteria:

Contribution. The proposal should center on a significant SCM research stream. The proposal should establish why a study is needed and explain what tasks the planned review will accomplish. Proposals to review research streams for which no recent published reviews exist will have an advantage.

Feasibility. In addition to taking on a significant task, the proposal should represent an achievable project within the timeline below.

Coherence. The proposal should read clearly and use a logical structure.

Future Research. The proposal should make clear to what degree future research is needed within the research stream and how a full paper would lay a valuable foundation for that work.

Quality. Proposal methodological rigor and effective use of the English language is required.

All submissions will go through the JBL review process as follows:

April 1– December 1, 2022

Proposals may be submitted via the Journal of Business Logistics' online submission portal at <http://mc.manuscriptcentral.com/jbl>

Please be sure to select **Special Issue** as the submission type. Please note that early and late proposals will not be considered nor will proposals submitted directly to the guest editors.

January 1, 2023

Decisions on proposals will be provided. Authors of successful proposals will be invited to submit full papers.

December 1, 2023

Full papers due.

You can learn more by contacting the guest editorial team:

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