

Operations and Supply Chain Research Newsletter

1 October – 31 December 2021

Research Grants

Jo Meehan has been successful in securing £12k funding from the HSS policy research fund for her project “Shaping preferable future(s) for a Social Value Framework in the Liverpool City Region”



Dongping Song has been awarded an EPSRC research grant of value £42,605 for his project titled “Digitalisation for operational efficiency and GHG emission reduction at container ports” (Grant No: EP/W028492/1). The project will start from 1/2/2022 for 9 months.



Awards

Katerina Antonopoulou's paper (co-authored with Christos Begkos) titled “Measuring the unknown: Evaluative practices and performance indicators for digital platforms” was the winner of the Mary Parker Follett award for the most outstanding paper in the *Accounting, Auditing and Accountability Journal*.

Conference Attendance or Presentations

Dong Li gave a talk on Circular Economy and Productivity in December as part of a webinar on Sustainability in the Food Chain at EU-ASEAN initiative on GreenTech & Innovation, hosted by EC Directorate-General for Research and Innovation, ASEAN Secretariat's Science and Technology Division, and Ministry of Science and Technology of Vietnam.

Jo Meehan gave an online talk for the University of Twente in the Netherlands in October on the role of value in public procurement. She was a panellist at the online Social Value Matters conference in Thailand discussing how to maximise social value in the supply chain. Jo ran an online workshop on ‘How to create policy impact’ for mid-career researchers for the British Academy of Management's Operations and Supply Chain special interest group, delivered in partnership with the UK Government's Open Innovation team. Jo has also been appointed to the Executive Committee of the International Purchasing and Supply Education and Research Association.

PhD Completions

Yuanjun Feng has successfully defended her PhD thesis “Yard Operations Optimisation at Maritime Terminals under Uncertain Truck Arrivals: Container Stacking, Retrieval, and Relocation” in November 2021, supervised by Dongping Song and Dong Li.

Arnita Rishanty has successfully defended her PhD thesis “A study of transition towards circular economy in developing countries at the firm level” in November 2021, supervised by Dong Li and Jorge Hernandez.

New PhD Students

Joshua Marriott, “Systemic risk of consumer returns”, supervised by Eric Leung, Tolga Bektaş and Andy Lyons.

Fran Setiawan, “Designing multimodal freight transportation in archipelago country (Indonesia Case Study)”, supervised by Çağatay Iris and Tolga Bektaş.

Clare Westcott, “Operational barriers to delivering social value in public procurement”, supervised by Jo Meehan and Bruce Pinnington.

Publications



Ersoy, P., Börühan, G., Mangla, S.K., **Hormazabal, J.H.**, Kazancoglu, Y., Lafcı, Ç. (2021) Impact of information technology and knowledge sharing on circular food supply chains for green business growth. *Business Strategy and the Environment* published online.



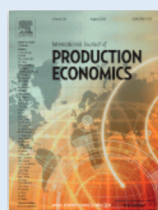
Feng, Y., Song, D.P., & Dong, L. (2021). Smart stacking for import containers using customer information at automated container terminals. *European Journal of Operational Research*, accepted for publication.



Geng, R., **Lam, H.K.S.**, and Stevenson, M. (2021) Addressing Modern Slavery in Supply Chains: An Awareness-Motivation-Capability Perspective. *International Journal of Operations and Production Management*, accepted for publication.



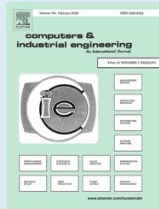
Lam, H.K.S., Ding, L., & Dong, Z. The Impact of Foreign Competition on Domestic Firms' Product Quality: Evidence from a Quasi-natural Experiment in the US. *Journal of Operations Management*, accepted for publication.



Leung, E.K.H., Lee, C. K. H., and Ouyang, Z. (2022). From traditional warehouses to Physical Internet hubs: A digital twin-based inbound synchronization framework for PI-order management. *International Journal of Production Economics*, 244, 108353.



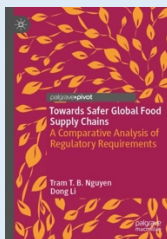
Li, H., **Lam, H.K.S.**, Ho, W., & Yeung, A. C. L. The Impact of Chief Risk Officer Appointments on Firm Risk and Operational Efficiency. *Journal of Operations Management*, accepted for publication.



Li, Y., Li, B., **Song, D.**, & Wu, S. (2021). Improve it or reveal it? Product innovation and demonstration decisions under different supply chain contract modes. *Computers & Industrial Engineering*, 162, 107757.



Najafi-Tavani, S., **Sharifi, H.**, Naude, P., & Parvizi-Omran, E. (2021). The impact of alternative financial supply chain management practices on supply risk: A relationship quality and buyer relative power perspective. *Industrial Marketing Management*, 100, 112–126.



Nguyen, T.B. and **Li, D.** (2021) *Towards a Safer Global Food Supply Chain - A Comparative Analysis of Regulatory*, Springer International Publishing AG, in press. ISBN: 978-3-030-93355-5.



Pinnington, B.D., Benstead, A. and **Meehan, J.** (2021), Transparency in Supply Chains: Assessing and improving the quality of modern slavery statements. *Journal of Business Ethics*, accepted for publication.



Tickle, M., & Hannibal, C. (2021) The Use of Technological Innovations in Promoting Effective Humanitarian Aid: A Systematic Review of the Literature. *International Journal of Technology and Human Interaction*, 18(1), 1–14.



Wu, F., **Bektaş, T.**, Dong, M., Ye, H. and Zhang, D. (2021). Optimal driving for vehicle fuel economy under traffic speed uncertainty. *Transportation Research Part B: Methodological*, 154, pp.175–206.



Xia, Y., Zeng, W., **Xing, X.**, Zhan, Y., Tan, K. H., & Kumar, A. (2021). Joint optimisation of drone routing and battery wear for sustainable supply chain development: a mixed-integer programming model based on blockchain-enabled fleet sharing. *Annals of Operations Research*, accepted for publication.