Ulpan Tokkozhina

Professora Auxiliar Convidada
BRU-Iscte - Business Research Unit
Department of Marketing, Operation and Management (IBS)

Contacts

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Curriculum

Dr. Ulpan Tokkozhina is an Invited Assistant Professor at ISCTE-IUL with specialization in Operations Management, Logistics and Supply Chain Management. She holds a PhD in Management degree with thesis in blockchain technology implementation for supply chain management improvement. Ulpan teaches courses on Operations Management, Logistics and Supply Chain Management for both Bachelor and Master degree students. She has co-authored several academic articles and book chapters about the impact of novel technologies on supply chain performance, also won Best Paper Award at EAI INTSYS 2022 International Conference. Ulpan was invited as a guest speaker at an international level - including Mexican University Tecnológico de Monterrey, Molde University of Logistics in Norway and Fundação Getulio Vargas in Brazil. Her current main research interest is novel technologies implementation and use in supply chain context. Currently, Ulpan is involved in a research project "Fish2Fork" curated by EEA Grants and Inov Inesc Inovação, which is aimed on finding novel technological solutions for transparent and sustainable fishing and fish products consumption.

Research Interests

- Operations Management
- Supply Chain Management
- Logistics in Smart Cities
- Blockchain technology

Internet Of Things (IoT)
Generative AI
Industry 4.0 technologies

Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitario de Lisboa	PhD	PhD	2023
European School of Economics	M.Sc.	MSc	2015
KIMEP University	Bachelor of Science	BSc	2013

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2025/2026	2º	Logistics and Operation Management	Master Degree in Business Administration;	No
2025/2026	2º	Logistics and Supply Chain Management	Master Degree in Management;	No
2025/2026	1º	Integrated Operations Management	Bachelor Degree in Management;	No
2025/2026	1º	Operations Management	Master Degree in Management of Services and Technology;	No
2024/2025	2º	Logistics and Supply Chain Management	Master Degree in Management;	No
2024/2025	1º	Integrated Operations Management	Bachelor Degree in Management;	No
2024/2025	1º	Operations Management	Master Degree in Management of Services and Technology;	No
2023/2024	2º	Logistics and Supply Chain Management	Master Degree in Management;	No
2023/2024	1º	Integrated Operations Management	Bachelor Degree in Management;	No
2023/2024	1º	Operations Management	Master Degree in Management of Services and Technology;	No
2022/2023	2º	Logistics and Supply Chain Management	Master Degree in Management;	No

2022/2023	1º	Integrated Operations Management	Bachelor Degree in Management;	No
2022/2023	1º	Operations Management	Master Degree in Management of Services and Technology;	No
2021/2022	2º	Blockchain for Supply Chain Management		No
2021/2022	2º	Logistics and Supply Chain Management	Master Degree in Management;	No
2021/2022	1º	Integrated Operations Management	Bachelor Degree in Management;	No

Supervisions

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Rajender Kumar	Overcoming interdependence among dry bulk sub-market: Capesize, Panamax, Supramax, Handysize	English	Developing	Iscte

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Miguel De Sousa Morcego	Enhancing Warehouse Management Systems with IoT, Blockchain, and AI-Driven Predictive Maintenance: A Systematic Literature Review	--	Developing	Iscte
2	Beatriz da Costa Santos de Jesus	Circular Economy: The Impact of Logistics Management on the transition to a Sustainable Business Model	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Chen Hang	Research on the impact of blockchain-based tea traceability platform on consumer purchase intention	English	Iscte	2025

2	Liu Junjie	Research on Business Model Improvement of Company A under the Background of Dual Carbon	English	Iscte	2025
3	Vasco Lourenço Drumonde Melo	Exploring the role of novel technologies in hospitals' patients' data management	English	Iscte	2024
4	Gabriela Faria Dias	Brewing Trust in Coffee Supply Chains: Evaluating the Role of Blockchain Technology	English	Iscte	2024
5	Renato Daniel Janeiro Ferreira	Blockchain technology as a potential solution for cross-border trade challenges: a systematic literature review	English	Iscte	2023
6	Inês Gomes de Carvalho	Social media insights about Nutri-Score topic: a text mining approach	English	Iscte	2022

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Liliana Filipa Dionísio Valério	The use of Technologies in the Procurement Process: A Pedagogical Case Study	English	Iscte	2025
2	Liu Junjie	Research on Business Model Optimization of Company A under the Background of Dual Carbon	English	Iscte	2024

Total Citations

Web of Science®	94
Scopus	117

Publications

• Scientific Journals

- Scientific journal paper

1	Tokkozhina, U., Mataloto, B. M., Martins, A. L. & Ferreira, J. C. (2024). Decentralizing online food delivery services: A blockchain and IoT model for smart cities. Mobile Networks and Applications. 29 (1), 59-69 - Times Cited Web of Science®: 12 - Times Cited Scopus: 15 - Times Cited Google Scholar: 23

2	Tokkozhina, U., Martins, A. & Ferreira, J. (2023). Multi-tier supply chain behavior with blockchain technology: Evidence from a frozen fish supply chain. Operations Management Research. 16 (3), 1562-1576 - Times Cited Web of Science®: 15 - Times Cited Scopus: 19 - Times Cited Google Scholar: 22
3	Tokkozhina, U., Martins, A. & Ferreira, J. (2023). Uncovering dimensions of the impact of blockchain technology in supply chain management. Operations Management Research. 16 (1), 99-125 - Times Cited Web of Science®: 33 - Times Cited Scopus: 39 - Times Cited Google Scholar: 59
4	Tokkozhina, U., Martins, A. & Ferreira, J. (2022). Use of blockchain technology to manage the supply chains: Comparison of perspectives between technology providers and early industry adopters. Journal of Theoretical and Applied Electronic Commerce Research. 17 (4), 1616-1632 - Times Cited Web of Science®: 14 - Times Cited Scopus: 17 - Times Cited Google Scholar: 23

• Books and Book Chapters

- Book editor

1	Martins, A., Ferreira, J., Alexander Kocian, Tokkozhina, U., Berit I. Helgheim & Bråthen, S. (2023). Intelligent Transport Systems.
2	Martins, A., Ferreira, J., Alexander Kocian & Tokkozhina, U. (2023). Intelligent Transport Systems. Springer.

- Book chapter

1	Tokkozhina, U., Martins, A. & Ferreira, J. (2023). Blockchain-Based Solution for Charitable Supply Chains: Network Proposal Architecture for Portuguese Tax Consignment Program. In Intelligent Transport Systems. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering.
2	Tokkozhina, U., Martins, A. & Ferreira, J. (2023). A New Panacea for Supply Chains?: Experience Feedback From Blockchain Technology Adopters. In Handbook of Research on Blockchain Technology and the Digitalization of the Supply Chain. - Times Cited Scopus: 1
3	Tokkozhina, U., Ferreira, J. C. & Martins, A. L. (2021). Wine traceability and counterfeit reduction: Blockchain-based application for a wine supply chain. In Intelligent Transport Systems. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. (pp. 59-70).: Springer Cham. - Times Cited Web of Science®: 18 - Times Cited Scopus: 12 - Times Cited Google Scholar: 28

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Tokkozhina, U., Martins, A. & Ferreira, J. (2024). Blockchain-powered fish industry: Trust perceptions of final consumers on traceable information availability. In Ana Lucia Martins, Joao C. Ferreira, Alexander Kocian, Ulpan TokkozhinaAna Lucia Martins, Joao C. Ferreira, Alexander Kocian, Ulpan Tokkozhina, Berit Irene Helgheim, Svein Bråthen (Ed.), Intelligent Transport Systems: 7th EAI International Conference, INTSYS 2023, Proceedings. (pp. 151-162). Molde: Springer. - Times Cited Google Scholar: 1
2	Tokkozhina, U., Martins, A., Ferreira, J. & Casaca, A. (2023). Traceable distribution of fish products: State of the art of blockchain technology applications to fish supply chains. In Ana Lucia Martins, Joao C. Ferreira, Alexander Kocian, Ulpan Tokkozhina (Ed.), Intelligent Transport Systems: 6th EAI International Conference, INTSYS 2022, Proceedings. (pp. 89-100).: Springer. - Times Cited Scopus: 4 - Times Cited Google Scholar: 9
3	Elvas, L. B., Tokkozhina, U., Martins, A. & Ferreira, J. (2023). Implementation of disruptive technologies for the last mile delivery efficiency achievement. In Luís de Picado Santos, Jorge Pinho de Sousa, Elisabete Arsenio (Ed.), 2022 Conference Proceedings Transport Research Arena, TRA Lisbon 2022. (pp. 32-39).: Elsevier. - Times Cited Web of Science®: 2 - Times Cited Scopus: 6 - Times Cited Google Scholar: 9
4	Tokkozhina, U., Martins, A. L. & Ferreira, J. C. (2020). Adopting blockchain in supply chain: A methodological proposal to conduct a pilot. In Ana Lúcia Martins, João C. Ferreira, Alexander Kocian, Vera Costa (Ed.), Intelligent transport systems, from research and development to the market uptake: : 4th EAI International Conference, INTSYS 2020, Proceedings. (pp. 125-141).: Springer. - Times Cited Scopus: 4

- Talk

1	Kazantsev, N., Mueller, J. , Tokkozhina, U. & Martins, A. (2025). Supply chains that regenerate natural systems: A Case Study of Norwegian Seafood Farming. International Conference on Operation and Supply Chain Management.
2	Tokkozhina, U., Martins, A., Ferreira, J. & Casaca, A. (2023). Traceable Distribution of Fish Products: State of the Art of Blockchain Technology Applications to Fish Supply Chains. Intelligent Transport Systems. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering.
3	Tokkozhina, U., Martins, A., Ferreira, J. & Casaca, A. (2023). Traceable Distribution of Fish Products: State of the Art of Blockchain Technology Applications to Fish Supply Chains. Intelligent Transport Systems. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering.
4	Tokkozhina, U., Martins, A. & Ferreira, J. (2023). A New Panacea for Supply Chains?: Experience Feedback From Blockchain Technology Adopters. Handbook of Research on Blockchain Technology and the Digitalization of the Supply Chain.
5	Ferreira, J., Martins, A., Tokkozhina, U. & Helgheim, B. (2022). Fish Control Process and Traceability for Value Creation Using Blockchain Technology. Confernece in Innovations in Bio-Inspired Computing and Applications. - Times Cited Google Scholar: 13
6	Tokkozhina, U., Martins, A. & Ferreira, J. (2022). Traceable distribution of fish products: state of the art of blockchain technology applications to fish supply chains. INTSYS 2022.

7	Tokkozhina, U., Martins, A. & Ferreira, J. (2021). Wine Traceability and Counterfeit Reduction: Blockchain-based Application for a Wine Supply Chain. EAI INTSYS 2021 - 5th EAI International Conference on Intelligent Transport Systems.

Research Projects

Project Title	Role in Project	Partners	Period
Nepalese Education in E-health - Master	Researcher	ISTAR-Iscte (RAISE) - Leader, BRU-Iscte, CIS-Iscte, UNIVERSITETET I OSLO - (Norway), KATHMANDU UNIVERSITY - (Nepal), POKHARA UNIVERSITY - (Nepal)	2023 - 2026

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event committee	EAI INTSYS 2021 - 5th EAI International Conference on Intelligent Transport Systems	EAI INTSYS	2021
Member of scientific event committee	EAI INTSYS 2020 - 4th EAI International Conference on Intelligent Transport Systems	EAI INTSYS	2020