



Iryna Tkachenko

Date of birth: 19/01/1983 | **Nationality:** Ukrainian | **Phone number:**
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Address: Via Napoleone Colajanni, 19, 00191, Roma, Italy (Home)

WORK EXPERIENCE

06/2004 – 11/2006

SENIOR ASSISTANT RESEARCH INSTITUTE OF OCCUPATIONAL HEALTH AND OCCUPATIONAL DISEASES

Conducting a hygienic assessment of workplaces with harmful and dangerous working conditions, including the transport industry enterprises, issuing conclusions on the compliance of working conditions with legal requirements

10/2012 – 09/2018

ASSISTANT LECTURER OF TRANSPORT SYSTEMS AND LOGISTICS DEPARTMENT O.M. BEKETOV NATIONAL UNIVERSITY OF URBAN ECONOMY IN KHARKIV

Providing lectures and practical classes.

Participation in national and international conferences, research activities in the field of Transport and Logistics.

Link <https://www.kname.edu.ua/>

08/2018 – CURRENT

ASSOCIATE PROFESSOR OF TRANSPORT SYSTEMS AND LOGISTICS DEPARTMENT O.M. BEKETOV NATIONAL UNIVERSITY OF URBAN ECONOMY IN KHARKIV

Providing lectures and practical classes. Guiding students in the preparation of bachelor's and master's degrees thesis. Preparation and publication of scientific manuals and guidelines, textbook editions for students (Risks in transport processes, Engineering and transport expertise in the road accidents investigation, Expert solution of practical issues in the performance of engineering and transport expertise).

Providing analysis and research within the framework of international and national projects, supporting the preparation and analysis of surveys and supporting documentation processes.

Main taught courses:

- Introduction in Transport (the 1st year Bachelors)
- Fundamentals of Systems Theory and System Analysis (the 3rd year Bachelors)
- Basics of Freight Forwarding (the 3rd year Bachelors)
- Human and Environmental Impacts, Safety and Sustainability (the 1st year Masters)

Website <https://www.kname.edu.ua/>

EDUCATION AND TRAINING

08/1999 – 06/2004 Kharkiv, Ukraine

SPECIALIST DEGREE O.M. Beketov National University of Urban Economy in Kharkiv

Basics of vehicle operation.

Passenger and cargo transportation.

Road traffic management.

Information systems on transport.

Transport law.

Address 17, Marshala Bazhanova Str., 61001, Kharkiv, Ukraine | **Field of study** Motor vehicles, ships and aircraft |

Final grade 5/excellent |

Thesis Ensuring the passenger transportation by urban passenger transport with the development of measures and means of labor protection at the battery section of the depot

10/2006 – 11/2012 Kharkiv, Ukraine

PHD IN ENGINEERING O.M. Beketov National University of Urban Economy in Kharkiv

Address 17, Marshala Bazhanova Str., 61001, Kharkiv, Ukraine | **Field of study** Engineering, manufacturing and construction |

Thesis Risk assessment and prevention of cases of occupational injuries on public transport

05/2019 – 07/2019 Rome, Italy

INTERNSHIP AT SAPIENZA UNIVERSITY OF ROME Center for Transport and Logistics (CTL)

Had been developed lessons and practical exercises devoted to such problems as "Plan the road safety strategies for the short, medium and long term", "Sustainable Mobility" for the discipline "Human and Environmental Impact, Safety and Sustainability" in collaboration with the teaching staff of EU Universities for Master's degree students within the Project SmaLog.

Had been started a common research work in collaboration with the staff of CTL, as a result, a conference paper had been published in a monography Research Methods in Modern Urban Transportation Systems and Networks, Springer.

Address Piazzale Aldo Moro, 5, 00185, Rome, Italy

08/2020 – 10/2020 Kiev, Ukraine

DISTANCE LEARNING COURSE FOR TEACHERS "SMALOG" – DLC SMALOG National Transporty University

SmaLog teachers' skills upgrading

Address 1, M. Omelianovycha-Pavlenka Str., 01010, Kiev, Ukraine | **Website** <http://www.ntu.edu.ua/> |

Thesis Competence of solving complex problems of urban smart transport and logistics through the knowledge of the best practices, methods and models developed in worldwide cities / regions

01/06/2022 – 30/09/2022 Roma, Italy

VISITING PROFESSOR MOBILITY Sapienza University, Department of Ingegneria Civile, Edile, Ambientale (DICEA)/(CTL)

Address Via Eudossiana, 18, 00184, Roma, Italy

● LANGUAGE SKILLS

Mother tongue(s): **UKRAINIAN** | **RUSSIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH, CAMBRIDGE ENGLISH LEVEL 1 CERTIFICATE IN ESOL INTERNATIONAL	B2	B2	B2	B2	B2
ITALIAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Zoom | Google Drive | Social Media | Skype | Google Docs

● PUBLICATIONS

2017

Galkin, A., Davidich, Yu., Grigorova, T., Kush, Ye., Tkachenko, I., Davidich, N. Increasing Quality of Passenger Transport Service with the Help of Planning of Driver's Rational Working Schedule. Transylvanian Review: Vol XXV, No. 20, pages 5179 -5189

2018

[Kush, Y., Skrypin, V., Galkin, A., ...Tkachenko, I., Davidich, N. Regularities of Change of The Supply Chain Operation Efficiency, Depending on The Parameters of The Transport. Transportation Research Procedia, №30, pages: 216-225](#)

2019

[Davidich, Y., Kush, Y., Galkin, A., Davidich, N., Tkachenko, I. Improving of urban public transportation quality via operator schedule optimization. Journal of Urban and Environmental Engineering, v.13, n. 1, pages: 23-33.](#)

2020

[Prasolenko, O., Burko, D., Lutchenko, T., Tkachenko, I. Regularities of change of attention of drivers in the conditions of evening twilight when moving on city streets. Municipal economy of cities, V. 157, pages: 41-45.](#)

2021

[Tkachenko, I., Galkin, A., Usami, D.S., Sgarra, V., Persia, L. Research on Parents' Attitude Towards Children Safe Transportation: The Cross-Sectional Survey Method. Lecture Notes in Networks and Systems "Research Methods in Modern Urban Transportation Systems and Networks", Vol. 207, pages: 117-127.](#)

2021

[Galkin, A., Tkachenko I., Grekova, O. Evaluation of the efficiency of the organization of the transport process of a container delivery and artificial cargoes taking into account the exposure of the external environment. Municipal economy of cities, V. 164, pages: 252-257.](#)

2022

[Galkin, A., Tkachenko, I., Vladyka, Yu., Shyllye, N., Hulchak, O., Kostiuk, V. Fleet size problem for Secure Food Chain with a certain range of transportation temperature. 13th International Conference on Developments in eSystems Engineering \(DeSE\), pages: 116-120](#)

2022

[Voronko, V., Tkachenko, I., Dyachenko, Y., Voronko, I., Zawistovskiy, D. Methodology for Calculating the Productivity of Electrochemical Machining in Stationary Electrolyte. Lecture Notes in Networks and Systems, pages: 47-56.](#)

2022

Hulchak O., Tkachenko I., Shapenko M. The use of system analysis methods in the study of intelligent transport systems. Bulletin of National Transport University. Series "Technical Sciences". Scientific journal. Issue 1 (51), 2022, pp. 134-140.

[DOI: 10.33744/2308-6645-2022-1-51-134-140](#)

2023

Shevchenko A., Tkachenko I. Analysis of research on the implementation of an ecological supply chain in urban areas. Bulletin of National Transport University. Series "Technical Sciences". Scientific journal. Issue 2 (55), 2023, pp. 158-166

[DOI: 10.33744/2308-6645-2023-1-55-309-317](#)

● **CONFERENCES AND SEMINARS**

06/03/2018 – 08/03/2018 Padova, Italy

EURO Mini Conference on "Advances in Freight Transportation and Logistics"

Report on research results on the topic Regularities of Change of The Supply Chain Operation Efficiency, Depending on The Parameters of The Transport

29/11/2022 – 30/11/2022 National Transport University, Kiev, Ukraine

International Scientific Conference INTELLIGENT TRANSPORT SYSTEMS: Ecology, Safety, Quality, Comfort

Analysis of modern approaches to greening of logistics processes

Link <https://drive.google.com/file/d/1n5wjnM0O7g8Cvk-CQwvqmjvHVDFs6Gtk/view>

08/06/2023 – 10/06/2023 O.M. Beketov National University of Urban Economy in Kharkiv, Kharkiv, Ukraine

2nd International Conference on Smart Technologies in Urban Engineering (STUE-2023)

Driver behavior in complicated road condition

Link <http://stue.kname.edu.ua/>

13/06/2024 – 15/06/2024 Kharkiv, Ukraine

3rd International Conference on Smart Technologies in Urban Engineering (STUE-2024)

Modern software trends in data processing and biblio-metric research mapping: some examples on the field of transport policy regulation

Link <http://stue.kname.edu.ua/>

● **MONOGRAPH AND BOOK CHAPERS**

2017

Modern issues of functioning of transport and logistics systems: monograph. Lobashov O., Davidich Y. Tkachenko I., etc.

2019

Transport and logistics processes in the most important cities: monograph. Lobashov O., Davidich Y. Tkachenko I., etc.

2020

Sabadash V., Lobashov O., Tkachenko I. Engineering and transport expertise in the road accidents investigation

ISBN 978-966-695-536-7

2021

Sabadash V., Lobashov O., Tkachenko I., Sabadash I. Expert solution of practical issues in the performance of engineering and transport expertise

● **RELEVANT NATIONAL PROJECTS**

2017

Conducting a survey of trolleybus and tram routes in order to determine their economic, technical and operational indicators

Analysis of the parameters of various types of urban electric transport, conduct research to determine their economic, technical and operational indicators and provide recommendations for improving their productive work

2019

Conducting a survey of traffic flows and parking spaces of the central part of Kharkiv road network

Analysis of modern approaches to the organization of parking space in cities, survey of traffic flows and demand for car parking, assessment of the impact of the existing car parking system on the characteristics of traffic flows, development of recommendations for car parking in the central part of Kharkiv

2020

Development of Sustainable Urban Mobility Plan (SUMP) for Kharkiv

Coordination of the city development goals with both regional / national and European priorities, research of traffic intensity, conducting field surveys of transport demand, providing proposals for improving the street and road network of Kharkiv

● **RELEVANT INTERNATIONAL PROJECT**

Erasmus+ funding Project “Smart Transport and Logistics for Cities” (SmaLog)

Development of Master's degree program "Smart Transport and Logistics for Cities" in collaboration with European and Ukrainian Universities

01/09/2022 – CURRENT

**Augmenting and Evaluating the Physical and Digital Infrastructure for CCAM deployment
(AUGMENTED CCAM)**

HORIZON-CL5-2021-D6-01-03

Link <https://cordis.europa.eu/project/id/101069717>

15/10/2022 – CURRENT

Technical Assistance for the development and collection of Road safety Key Performance Indicators

MOVE/C2/SUB/2022-54/CEF/TA/SI2.892654

Link <https://trendlineproject.eu/>