



# Pryazovskyi State Technical University



Miroshnykova Mariia

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## RESEARCHER DATA

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## SCIENTIFIC INTERESTS / RESEARCH AREAS

Industrial transport. Transport technologies. Traffic safety. Implementation energy-efficient, resource-saving technologies.  
Co-authorship: Architecture of buildings and structures

## ACADEMIC DISCIPLINES

1. Urban planning and transportation

## EDUCATION

2012 - "Research Engineer" in the specialty "Organization of Transportation and Management in Transport (Railway Transport)" Volodymyr Dal East Ukrainian National University  
2018 - Master's Degree in "Public Management and Administration" Volodymyr Dal East Ukrainian National University

## ACADEMIC TITLES

2011 - Laboratory Assistant of the Department of "Organization of Transportation and Management in Railway Transport"  
2012 - Engineer of the Department of "Organization of Transportation and Management in Railway Transport"  
2014 - Assistant of the Department of Logistics Management and Traffic Safety  
From 2019 to the present - Senior Lecturer of the Department of "Logistics Management and Traffic Safety".



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## LABOR ACTIVITY INFORMATION (THE LAST 5 YEARS)

From 23 to the present - Associate Professor of the Department of "Architecture" in the field of content

01.12.2018 to 31.10.2021 - V. Dahl SNU - Head of the Department of Architecture and Urban Planning

11/15/2021 to 09/1/2022. - "Priazov State Technical University" - associate professor of the Department of Architecture

09/1/2022 as of - State Technical University "Priazov State Technical University" - head of the Department of Architecture

## OTHER POSITIONS AND ACTIVITIES

1. Member of the All-Ukrainian public organization "Ukrainian Logistics Association", certificate LA No. 00110 dated October 25, 2017.

## CERTIFICATION TRAININGS (FOR THE LAST 5 YEARS)

2022 рік – Certificate This is to certify that Ihor Baranov has successfully passed the full 180 hours of Scientific internship management administration of transport company. At Company AVA Carrier, LLC, Lincoln, USA on October 03/22 – February 24/23.

Scientific and pedagogical internship at the Higher Technical University of Katowice, Katowice, Poland, on the topic "Innovative logistics technologies: European experience and its implementation in education" in the amount of credits (180 hours). 17/09/2022/

## PARTICIPATION IN INTERNATIONAL PROJECTS

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## LANGUAGES

Native language: Ukrainian, C1  
Foreign languages: English, B2.

## PUBLICATIONS

**Total number: 9 scientific articles**

**In the last 5 years: 6 scientific articles**

Gubarevych, Oleg, Inna Melkonova, Hryhorii Melkonov, Olha Melnyk, and Mariia Miroshnykova. "Synthesis of the structural diagram with algorithms"



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the units of the on-board diagnostic system of induction motors vehicles". *Diagnostyka* 25 no. 1 (2024): 2024109. doi:10.29354/diag/18030

O. Fomin, I. Baranov, M. Miroshnykova, S. Turpak, M. Khara, L. Degtyar "Diagnostics of the Railway Rolling Stock Running Gear Based Simulation" Proceedings of 28th International Scientific Conference Transport Means 2024 <https://doi.org/10.5755/e01.2351-7034.2024.P865-8>

O. Fomin I. Baranov M. Miroshnykova H. Lebid I. Nikolaienko T. Sotnik "A Methodology for Calculating the Durability and Resource of Ba Structures of Railway Rolling Stock" Proceedings of 28th International Scientific Conference. Transport Means 2024 <https://doi.org/10.5755/e01.2351-7034.2024.P971-976>

Fomin, O., Baranov, I., Miroshnykova, M., Emelyanova, T., Ptashnyi, Development of a Mathematical Model of Continuous Assessment of Technical Condition of the Railway Rolling Stock Units Transport Means Proceedings of the International ConferenceOpen source preview, 2023-October, pp. 813–819

Rogovyi, A., Chernetska-Biletska, N., Miroshnykova, M., Baranov, I., Polupan, Y. (2023). Improvement of cleaning parameters of pipeline elements based on simulation of movement of solid magnetite particles in electrical conductive liquid. *Eastern-European Journal of Enterprise Technologies*, (121), 38–46. <https://doi.org/10.15587/1729-4061.2023.274699>

Semenov, S., Mikhailov, E., Miroshnykova, M., ... Blatnický, M., Harušin J.A Reduction of the Running Resistance of a Tram Bogie Transport Means Proceedings of the International ConferenceOpen source preview, 2022-October, pp. 651–656

**Date of completion**

25.10.2025 p