

Invitation to the 9th Doctoral Colloquium

The 9th Doctoral Colloquium of the Faculty of Transport Engineering will take place on January 23, 2026, starting at 9:00 AM, according to the schedule below. The presentations will be held in room DB/B3.

The schedule 23. 1. 2026

9:00 – 9:05	OPENING OF THE DOCTORAL COLLOQUIUM	
9:05 – 10:05	PRESENTATIONS OF RESEARCH TEAMS	
9:05 – 9:20	prof. Ing. Eva Schmidová, Ph.D.	Mechanically induced transformation as a „steel tool“ for passive safety
9:20 – 9:35	doc. Ing. Libor Švadlenka, Ph.D.	City logistics research
9:35 – 9:50	doc. Ing. Özgür Yurdakul, Ph.D.	Standardizing Structural Safety: The Normative Journey of Partial Factors in the Upcoming <i>fib</i> Bulletin for FRP rebars
9:50 – 10:05	doc. Ing. Petr Voltr, Ph.D.	Activities of the Rail Vehicles Research Team in 2025
10:05 – 10:30	BREAK	
10:30 – 12:00	PRESENTATIONS OF PHD STUDENTS	
10:30 – 10:40	Ing. Jakub Hora	Flexible transport systems for public transport in Jáchymov city
10:40 – 10:50	Ing. Radek Prokop	Actual trends used in yield management in the transport sector
10:50 – 11:00	Ing. Marek Vyhnánovský	Challenges of the technological triangle
11:00 – 11:10	Ing. Lukáš Křížan	Methodology for classifying stations within the technological triangle
11:10 – 11:20	Ing. Akram Elsaied Elomiya	A Hybrid Stacking Ensemble for Multi-Horizon Forecasting of Loading and Unloading Zone Parking
11:20 – 11:30	Ing. Renáta Másiřková	Handbook of Space Weather
11:30 – 11:40	Ing. Alžběta Hrudková	Possibilities of using causal prognostic model in passenger rail transport
11:40 – 11:50	Ing. Šárka Vančurová	Customers' perception of greenwashing in the transport sector
11:50 – 12:00	Ing. Vlastimil Hebelka	Analysis, monitoring, and improvement of the quality of the 25 kV 50 Hz traction network using artificial intelligence methods