## **Crisis and Risks Engineering for Transport Services (CRENG)**

at Pryazovskyi State Technical University (Mariupol, Ukraine)
State University of Infrastructure and Technology (Kyiv, Ukraine)
Dnipro National University of Railway Transport named after Academician
V. Lazaryan (Dnipro, Ukraine)

## **AGENDA**

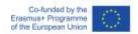
## **Master Classes Program**

1<sup>st</sup> Master Classes on 16 November – 20 November 2020

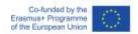
2<sup>nd</sup> Master Classes on 7 December – 10 December 2020







1 <sup>st</sup> Master Class 16 November, 2020		
	<ul> <li>A new approach to transport systems design:         ✓ anthropometry,         ✓ user-centred design,         ✓ universal design,         ✓ transport accessibility         Language: Russian/ English</li> </ul>	
17 November, 2020		
10.00 – 12.00 12.30 – 14.30	Prof. Emilian Szczepański Warsaw University of Technology (Warsaw, Poland)	
	Designing of supply chain: fundamentals, management, risk managing:  ✓ Global logistics, Factors and trends, Transport options, Strategic intermediaries and partners, supply chain network designing, Risk Language: English	
18 November, 2020		
10.00 – 13.00	Prof. Viktor Myronenko State University of Infrastructure and Technology (Kyiv, Ukraine)	
	Humanitarian Logistics Language: Ukrainian	
18 November, 2020		
13.30 – 16.30	Prof. Valerii Samsonkin State University of Infrastructure and Technology (Kyiv, Ukraine)	
	Technologic safety management:  ✓ risk identification in the operational statistics of failures of the transportation process regulations  Language: Ukrainian	
19 November, 2020		
10.00 – 13.00	Dr. A. Ait el Cadi Polytechnic University of Hauts-de-France (Valenciennes, France)	
	Health, Safety & Environmental Management Systems	
Fr. 20 November		
10.00 – 12.00 12.30 – 14.30	Ass. Prof. Sergey Dogadov Berlin Technical University (Berlin, Germany)	
	New technologies and big data for innovations in crisis and risk management + IT Security:  ✓ data types and structures, functions and conditions,  ✓ scientific computing and plotting,  ✓ neural networks  Language: Russian	



2 <sup>nd</sup> Master Class		
7 December, 2020		
10.00 – 14.00	Prof. Mariusz Izdebski Warsaw University of Technology (Warsaw, Poland)	
	Optimization of the risk in transportation systems:  ✓ methods of forecasting the number of accidents,  ✓ calculating the probability of accidents,  ✓ mathematical models of road transport systems taking into account the risk function - stages of model construction  Language: English	
8 December, 2020		
10.00 – 12.00 12.30 – 14.30	MBA Elena Eyngorn Berlin Technical University (Berlin, Germany)	
	Softs Skills for Engineers, Employability, Entrepreneurship Language: Russian	
9 December, 2020		
10.00 – 12.00 12.30 – 14.30	Prof. Viacheslav Matsiuk State University of Infrastructure and Technology (Kyiv, Ukraine)	
	Simulation of Transport Systems in Any Logic Language: Ukrainian	
10 December 2020		
10.00 – 12.00	Dr. S. Chaabane Polytechnic University of Hauts-de-France (Valenciennes, France)	
	Health, Safety & Environmental Management Systems	
12.30 – 14.30	Dr. A. Ait el Cadi Polytechnic University of Hauts-de-France (Valenciennes, France)	
	Risk and crisis forecast, Analysis and Reduction Methods and Tools	