# **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

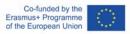






#### 1st Master Class

1 <sup>st</sup> Master Class		
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16 November, 2020 (or can move to 13 November)		
10.00 – 12.00 12.30 – 14.30	Prof. Iwona Grabarek Warsaw University of Technology (Warsaw, Poland)	
	A new approach to transport systems design:  ✓ anthropometry,  ✓ user-centred design,  ✓ universal design,  ✓ transport accessibility  Language: Russian	
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:  ✓ Lectures: Global logistics, Factors and trends, Transport options,  Strategic intermediaries and partners, supply chain network  designing, Risk	
	✓ <u>Practice:</u> facility location and risk assessment 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		
	Polytechnic University of Hauts-de-France (Valenciennes, France)	
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

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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 12.30 – 14.30	<b>Dr. Abdelghani Bekrar</b> Polytechnic University of Hauts-de-France (Valenciennes, France)	
	Humanitarian logistics: VRP for disaster response Language: English	
	Assistant professor Sondes Chaabane Polytechnic University of Hauts-de-France (Valenciennes, France)	
	Health, Safety & Environmental Management Systems Language: English	