



Erasmus+ Project
Crisis and risks engineering for transport services
CRENG

Training on 9-20 September 2019



Co-funded by the
Erasmus+ Programme
of the European Union



Course Overview

Get exclusive access to the training in risks engineering for transport services. This intensive course is unique and numbers are limited to give you a personal and interactive education experience. The course also provides the participants with exposure to a unique interdisciplinary, international and intercultural learning environment.

Training Course Program

Mo. 9.09.2019	Venue: Berlin Institute of Technology
9:00 – 9:30	Registration of the participants/Opening keynotes. Presentation of the participants. Presentation of the study program. Administration issues
10:00- 12:30	Dr. Sergej Vlasenko <ul style="list-style-type: none"> • A European high-speed rail network • Overview of 150 years of Railways in Europe and future perspectives: Digitalisation trends and Internet of Smart Trains: A Review on Industrial -Connected Railways • Maintaining public railways with lower cost and improved safety
12:30 – 13:30	Lunch
13:30 – 17:30	Dr. Sergej Vlasenko <ul style="list-style-type: none"> • Strategic development of railways EU institutions • Private railways: fiction or reality?
18:00	Guided tour through Berlin and Reichstag visit

Tue. 10.09.2019	Venue: Berlin Institute of Technology
10:00 – 13:00	Dr. Natalia Ivanova <ul style="list-style-type: none"> • Informational-Analytic and Diagnostics for Sociotechnical System
13:00 – 14:00	Lunch
14:00 – 17:00	Dr. Natalia Ivanova <ul style="list-style-type: none"> • Informational-Analytic and Diagnostics for Sociotechnical System

Wed. 11.09.2019	Venue: Berlin Institute of Technology
10:00 – 14:00	Dr. Natalia Ivanova <ul style="list-style-type: none"> • New technologies and big data for innovations in crisis and risk management + IT Security
14:00 – 15:00	Lunch
15:00 – 17:00	Dr. Natalia Ivanova <ul style="list-style-type: none"> • New technologies and big data for innovations in crisis and risk management + IT Security

Thu. 12.09.2019	Venue: Berlin Institute of Technology
10:00 – 14:00	Prof. Wladimir Bodrow <ul style="list-style-type: none"> • Big Data and new technologies for crisis and risk management + IT Security
14:00 – 15:00	Lunch
15:00 – 17:00	MBA, Elena Eyngorn <ul style="list-style-type: none"> • Project management and leadership in logistics and research, through open communication and team-working • Research methods and professional development • Carrier Managing, Soft skills for engineer, basics of technical creativity

Fr. 13.09.2019	Venue:
10:00 – 18:00	Study visit Narrow Gauge Railways, are one of the world's last great steam adventures, with 25 steam locomotives. On 140.4 kilometre, 1,000 mm gauge network, experience our steam locomotives in action every day. Experience this network – made up of the Harzquerbahn, Selketalbahn and Brockenbahn – offering you so many superlatives in the very heart of Germany. Discover nature and culture on a trip on our steam trains; one of the biggest attractions in the Harz, Germany's most northerly low mountain range!

Mo. 16.09.2019	Venue: Berlin Institute of Technology - France
10:00 – 11:30	Name: <ul style="list-style-type: none"> • Risk and crisis forecast, Analysis and Reduction Methods and Tools
11:30 – 13:00	Name: <ul style="list-style-type: none"> • New challenges for crisis and risk management in logistics systems
13:00 – 14:00	Lunch
14:00 – 15:30	Name: <ul style="list-style-type: none"> • Humanitarian logistics and transport services in disasters conditions
14:00 – 15:30	Name: <ul style="list-style-type: none"> • Health, Safety & Environmental Management Systems

Tue. 17.09.2019	Venue: Berlin Institute of Technology – Poland, Ukraine
10:00 – 11:30	Dr. Mariusz Izdebski <ul style="list-style-type: none"> • Risk and crisis engineering of Transport systems
11:30 – 13:00	Prof. Iwona Grabarek <ul style="list-style-type: none"> • Human Factors in Design & Operations
13:00 – 14:00	Lunch
14:00 – 15:30	Dr. Emilian Szczepański <ul style="list-style-type: none"> • Supply chain management and networks

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15:30 – 17:00	Prof. Viacheslav Matsiuk <ul style="list-style-type: none">• Simulation of complex transport processes and systems that operate in conditions of risks
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Wed. 18.09.2019	Venue: Berlin Institute of Technology
10:00 – 13:00	Study visit Deutsche Bahn, ICE Construction
13:00 – 14:00	Lunch
14:00 – 17:00	Prof. Viacheslav Matsiuk <ul style="list-style-type: none">• Simulation of complex transport processes and systems that operate in conditions of risks

Thu. 19.09.2019	Venue: Berlin Institute of Technology
10:00 – 13:00	Name: Dr. Arnold Sterenharz <ul style="list-style-type: none">• Methodology for Curriculum Development, Revision• Implementation of Bologna Process through CRENG Project
14:00 – 17:30	Coordination meeting. Feedback on the training. Certification.

TU Berlin campus map

