
59th ESReDA Seminar On
CREATING SAFE AND RESILIENT LOGISTIC SYSTEMS

October 26th – 27th, 2021, Wroclaw University of Science and Technology, Wroclaw, Poland



Announcement and Call for papers

Scope of the Seminar

The issues of safe and resilient logistics systems constitute the competitive advantage of supply chains. Current enterprises implement their processes in a variable and uncertain environment. These conditions significantly affect the accuracy and effectiveness of decisions. Managers' attention is focused primarily on events related to the occurrence of operational risk. In this case, the source of risks is internal disturbances in companies and processes implemented at organizations' interfaces. Today, however, in the face of the COVID-19 pandemic, disaster risk research is also gaining particular importance. The consequences of the current pandemic indicate the necessity for companies to develop also competencies concerning the assessment and management of "black swan" risks. For this reason, creating secure and resilient supply chains takes on particular importance today. For this reason, the issues to be raised during the 59th ESReDA seminar "Creating Safe and Resilient Logistic Systems" are important not only for scientific but also utilitarian reasons.

The Seminar aims to discuss theories, concepts, and experiences of enhancing the use of knowledge for better reliability, resilience, and risk management. The presented research results, operational proposals, and case studies will respond to enterprises' managerial staff's current problems throughout Europe. Thus, this Seminar will bring together researchers, practitioners, specialists, and decision-makers to discuss strategies and practical experiences in the given field of research.

The 59th ESReDA seminar will be held on October 26-27, 2021, hosted by the Wroclaw University of Science and Technology, Wroclaw, Poland.

Topics include (but are not limited to):

- Designing reliable logistics networks;
- Design and optimization in transport and logistics;
- Modeling and simulation of logistics and transport processes;
- Planning and management of logistics and transport processes;
- Efficiency and sustainability of supply chains;
- Risk assessment and decision theory in transport and logistics systems;
- Safety and quality in transport and logistics;
- Failure consequences on human lives, activities, and environmental damage;
- Organizational and societal modeling;
- Sustainable transport development;
- Operation and maintenance of logistic systems;
- Threats identifications & specifications
- Design of logistics and transport systems
- Supply Chain Risk Management
- Physical asset management under risk and uncertainty
- Resilience of logistic systems and supply chain
- Threats in Logistics 4.0
- Industrial case studies in Logistics and Transportation.

Chairmen and Chairwoman of the Seminar

ESReDA President – Mohamed Eid
 Vice-Rector for Organization and Development of the University / WUST – Tomasz Nowakowski
 ESReDA Member of Board of Directors / WUST – Agnieszka Tubis

Technical Programme Committee (TPC)

Christopher Bérenguer	(University of Grenoble Alpes, FRANCE)
Lech Bukowski	(WSB University, POLAND)
Micaela Demichela	(Politecnico di Torino, ITALY)
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Marek Karkula	(AGH, POLAND)
Osmo Kauppila	(University of Oulu, FINLAND)
Artur Kierzkowski	(WUST, POLAND)
Vytis Kopustinskas	(EC JRC, The NETHERLANDS)
Andrey Kostogryzov	(Lomonosov Moscow State University, RUSSIA)
Nikitas Nikitakos	(University of the Aegean, GREECE)
Jacek Ryczyński	(MULF, POLAND)
Mohammad Raza	(Hitachi ABB Power Grids, SWITZERLAND)
Rasa Remenyte-Prescott	(University of Nottingham, UK)
Andrzej Świdorski	(ITS, POLAND)
Sylwia Werbińska-Wojciechowska	(WUST, POLAND)
Bożena Zwolińska	(AGH, POLAND)

Local Organization Committee (LOC)

Agnieszka Tubis - Local Organizing Committee chairperson (agnieszka.tubis@pwr.edu.pl)
 Emilia Skupień (emilia.skupien@pwr.edu.pl)
 Sylwia Werbińska – Wojciechowska (sylwia.werbinska@pwr.edu.pl)

Robert Giel
 Anna Jodejko-Pietruczuk
 Tomasz Kisiel
 Franciszek Restel
 Mateusz Rydlewski

with Inga Šarūnienė (inga.saruniene@lei.lt) and Mohamed Eid (eid.etudes@gmail.com) in Cc.

Relevant dates

- Submission of abstract: **July 18th, 2021**
- Authors notification: July 31st, 2021
- Camera-ready papers: September 30th, 2021
- Date of seminar: October 26th – 27th, 2021
- ESReDA project group's meetings: October 25th, 2021
- ESReDA Board of Directors meeting: October 25th, 2021
- ESReDA Gala dinner: October 26th, 2021

Instructions to Authors

The seminar language is UK English.

The abstracts, not exceeding 600 words, should contain:

- The tentative title,
- The name of the principal author,
- The objectives of the paper,
- The used methodology,
- The findings (hopefully expected),
- A part of the used bibliography.

The abstract template (MS Word doc) is available at [seminar's website](#). Proposals should be sent to Sylwia Werbińska – Wojciechowska (sylwia.werbinska@pwr.edu.pl), Mohamed Eid (eid.etudes@gmail.com) and Inga Šarūnienė (inga.saruniene@lei.lt) in Cc.

Registration and Seminar Fee (in normal sanitary conditions)

A registration form and the practical information package will be made available on the ESReDA website. Fees (in normal sanitary conditions), according to ESReDA's rules, are:

- Speakers: one speaker per accepted paper is exempted.
- ESReDA members: 3 participants/members are taken in charge of the Seminar.
- Others: 300€/participant
- Accompanied persons for Gala dinner: 40€/acc. person.

To be paid by bank transfer to ESReDA account:

Holder : ESReDA
Bank : BNP Paribas Fortis Bank, Boulevard Jamar 1 D, 1060 Brussels, Belgium
IBAN : BE69 0012 3728 1678
BIC : GEBABEBB
Subject : Registration into the 59th ESReDA Seminar

If no evolution in the Covid-19 context, adequate registration and fee conditions will be issued by end of August.

Wrocław University of Science and Technology

Wrocław University of Science and Technology was established in 1945, mainly as a result of the involvement of the academic staff of the now-defunct Technical University of Lviv and the Jan Kazimierz University in Lviv who adapted the destroyed buildings of the German School of Technology - Technische Hochschule. Today Wrocław University of Science and Technology is one of the largest and best technical universities in the country, one regularly ranked among the best in the national rankings. There are currently 25 thousand students and 927 doctoral students (including 342 people at the Doctoral School) pursuing their degree programs under the supervision of nearly 2200 academic teachers at WUST's 13 faculties and three branches. There are also over 1,100 international students (including 800 on full-cycle programs) from 69 countries around the world about studying at the university.

<https://pwr.edu.pl/en/>

Polish Maintenance Society – PNTTE

Polish Maintenance Society is an independent association of scientists and practitioners involved in the operation and maintenance of technical systems. The main activity is focused on disseminating knowledge and information about good operational and maintenance practices, their scientific foundations, and the economic and social benefits of the operation and maintenance of machines and devices, buildings, and infrastructures. The society operates within the framework of Regional Commissions (in Warsaw, Krakow, Radom-Deblin, Lublin, Poznan, Wrocław, Katowice, Zabrze, Kielce, Plock, and Olsztyn) and Thematic Commissions (Automotive, Maintenance Audit, Digital Modelling of Maintenance, and Maintenance of the Oceanotechnical Facilities and Sea Ports). Currently, PNTTE has 270 individual members, 9 honorary members, and 6 company members. The society is an active member of EFNMS since 2005.

<https://pntte.org/>

ESReDA

ESReDA membership is open to organizations, privates or governmental institutes, industry researchers and consultants, who are active in the field of Safety and Reliability.

Membership fees are currently 1000 EURO for organizations and 500 EURO for universities and individual members. Special sponsoring or associate membership is also available.

For more information on ESReDA, contact:

ESReDA General Secretary: Inga Šarūnienė (inga.saruniene@lei.lt)

ESReDA address: European Safety, Reliability & Data Association, an International Non-Profit Scientific Association under the Belgium law (June 27, 1921, Title III). Headquarter: ESReDA, rue Gachard 88 Bte 14, B-1050 Bruxelles, Belgium, Siret:E00005802.

Any interested party is welcome to contribute to ESReDA project groups.

<http://www.esreda.org>

Seminars Proceedings

The final proceedings of the 59th Seminar will be edited in the form of the EU Technical Report and e-published with public access.

Some selected papers of the 59th ESReDA seminar will be published in referenced journals indexed in EBSCO, INSPEC, Index Copernicus, and/or SCOPUS.

How to get to Wrocław?

By plane

- from Wrocław airport to center of Wrocław (direct Bus line 106 to Main Railway Station; time table at <https://www.wroclaw.pl/rozkłady-jazdy>)
- You can buy a ticket in every public transport vehicle by using a credit card.

How to get to the Faculty of Mechanical Engineering from Main Railway Station?

- By tram lines 0L and 2 or bus lines 145 and 146 to the stop “Kliniki.”
- You can buy a ticket in anyone public transport vehicle by using a credit card.
- By taxi

The “Kliniki” stop also serves public tram connections from other districts of Wrocław:

- Line 4 → Oporów – ZOO
- Line 10 → Leśnica – Tramwajowa
- Line 1 → Poświętne (Marino) - ZOO

Accommodation

Here are some recommended facilities.

List of hotels in Wrocław

Hotel Bridge *****

Katedralny square 8, 50-329 Wrocław

Site: <https://thebridgewroclaw.pl/en/>

Prices: from 350 PLN per night (about 80€)

Hotel John Paul II *****

Saint Idziego street 2, 50-328 Wrocław

Site: <http://www.hotel-jp2.pl/en/>

Prices: from 350 PLN per night (about 80€)

Art Hotel Wrocław ****

Kielbaśnicza street 20, 50-110 Wrocław

Site: <https://www.arthotel.pl/en/>

Prices: from 290 PLN per night (about 65€)

Hotel Mercure Wrocław Centrum ****

Dominikański place 1, 50-159 Wrocław

Site: <https://all.accor.com/hotel/3374/index.en.shtml>

Prices: from 270 PLN per night (about 59€)

Hotel Piast **

Piłsudskiego street 98, 50-017 Wrocław

Site: <http://www.silfor.pl/produkt/hotel-piast.html>

Prices: from 190 PLN per night (about 42€)

B&B Hotel Wrocław Centrum **

Piotra Skargi street 24-28, 50-082 Wrocław

Site: <https://www.hotel-bb.com/pl/hotel/wroclaw-centrum>

Prices: from 180 PLN per night (about 40€)