



22nd International Scientific Conference

Innovative Transport Systems. Efficiency, Safety and Security

Conference Program

21-22 September 2026





Conference Venue

 **Institute of Management, Cukrowa 8 Street, 71-004
Szczecin (POLAND), room 010**



Scientific and Program Council

Prof. Dr. hab. **Elżbieta Załoga**, University of Szczecin
Prof. Dr. hab. **Bogusław Liberadzki**, Warsaw School of Economics
Prof. Dr. hab. **Elżbieta Marciszewska**, Warsaw School of Economics
Prof. Dr. hab. Eng. **Wojciech Bąkowski**, University of Szczecin

Prof. Dr. hab. Eng. **Hubert Bronk**, University of Szczecin

Prof. Dr. hab. **Jan Burnewicz**, University of Gdańsk
Prof. Dr. hab. **Mirosław Chaberek**, University of Gdańsk
Prof. Dr. hab. **Juliusz Engelhardt**, University of Szczecin
Prof. Dr. hab., Eng. **Kesra Nermend**, University of Szczecin
Prof. Dr. hab. **Piotr Niedzielski**, University of Szczecin
Prof. Dr. hab. **Wojciech Paprocki**, Warsaw School of Economics
Prof. Dr. hab. **Józef Perenc**, University of Szczecin
Prof. Dr. hab. **Grażyna Rosa**, University of Szczecin
Prof. Dr. hab. **Danuta Rucińska**, University of Gdańsk
Prof. Dr. hab. **Andrzej Ruciński**, University of Gdańsk
Prof. Dr. hab. **Krystyna Wojewódzka-Król**, University of Gdańsk
Prof. Dr. hab. **Olgierd Wyszomirski**, University of Gdańsk
Dr. hab. **Monika Bąk**, Professor at the University of Gdańsk
Dr. hab. **Przemysław Borkowski**, Professor at the University of Gdańsk
Dr. hab. **Marzenna Cichosz**, Professor at the SGH Warsaw School of Economics
Dr. hab. **Ernest Czermański**, Professor at the University of Gdańsk
Dr. hab. **Wojciech Drożdż**, Professor at the University of Szczecin
Dr. hab. **Bartosz Grucza**, Professor at the SGH Warsaw School of Economics
Dr. hab. **Krzysztof Grzelec**, Professor at the University of Gdańsk

Dr. hab. **Marzena Frankowska**, Professor at the University of Szczecin
Dr. hab. **Hanna Klimek**, Professor at the University of Gdańsk
Dr. hab. **Tomasz Kwarciniński**, Professor at the University of Szczecin
Dr. hab. **Andrzej Letkiewicz**, Professor at the University of Gdańsk
Dr. hab. **Marta Mańkowska**, Professor at the University of Szczecin
Dr. hab. **Cezary Mańkowski**, Professor at the University of Gdańsk
Dr. hab. **Stanisław Miecznikowski**, University of Gdańsk
Dr. hab. **Radosław Miśkiewicz**, Professor at the University of Szczecin
Dr. hab. **Aneta Oniszcuk**, Professor at the University of Gdańsk
Dr. hab. **Adam Pawlicz**, Professor at the University of Szczecin
Dr. hab. **Barbara Pawłowska**, Professor at the University of Gdańsk
Dr. hab. **Jana Pieriegud**, Professor at the SGH Warsaw School of Economics
Dr. hab. **Michał Pluciński**, Professor at the University of Szczecin
Dr. hab. **Ryszard Rolbiecki**, Professor at the University of Gdańsk
Dr. hab. **Dariusz Tłoczyński**, Professor at the University of Gdańsk
Dr. hab. **Anna Tokarz-Kocik**, Professor at the University of Szczecin
Dr. hab. **Blanka Tundys**, Professor at the University of Szczecin
Dr. hab. **Michał Wolański**, Professor at the SGH Warsaw School of Economics
Dr. hab. **Marcin Wołek**, Professor at the University of Gdańsk
Dr. **Jerzy Wronka** University of Szczecin
Dr. Prof. UG **Leszek Reszka** University of Gdańsk

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Dr. hab. **Tomasz Kwarciński**, Professor at the University of Szczecin – the Chair
Dr. hab. **Monika Bąk**, Professor at the University of Gdańsk
Dr. hab. **Marzenna Cichosz**, Professor at the SGH Warsaw School of Economics
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Dr. hab. **Blanka Tundys**, Professor at the University of Szczecin
Dr. hab. **Michał Wolański**, Professor at the SGH Warsaw School of Economics
Dr. **Adam Hoszman**, SGH in Warsaw
Dr. **Aleksandra Gus-Puszczewicz**, University of Gdańsk
Dr. **Elżbieta Szaruga**, University of Szczecin

Organizing Committee

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Dr. Eng. **Arkadiusz Drewnowski**, University of Szczecin - the Vice-chair
Dr. **Sylwia Kowalska**, University of Szczecin - the Vice-chair
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Dr. **Paweł Mieczan**, University of Szczecin - Communications and Social Media Coordinator
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Dr. **Bartosz Pilecki**, University of Szczecin
Dr. **Andrzej Rzczycki**, University of Szczecin
Dr. **Marta Sidorkiewicz**, University of Szczecin



21.09.2026

TIME	ROOM 010
08:30	Registration
09:00	Opening of the conference
09:15	Ceremonial unveiling of a plaque commemorating the 80th anniversary of higher economic education in Western Pomerania
09:30	PLENARY SESSION: A vision for Europe's transport system Chair: Prof. Elżbieta Załoga and Prof. Bogusław Liberadzki Panelists: Dr. Arkadiusz Marchewka – Ministry of Infrastructure, Member of the Sejm of the Republic of Poland, University of Szczecin Prof. Dr. hab. Wojciech Paprocki – Warsaw School of Economics Dr. hab. Przemysław Borkowski, prof. UG – University of Gdańsk Dr. hab. Arkadiusz Kawa, prof. UEP – Poznań University of Economics Dr. hab. Tomasz Kwarciański, prof. US – University of Szczecin
10:30	Presentation of the EPTS Youth Forum resolution
10:45	Coffee break
11:00	SESSION I. Digitization and Artificial Intelligence in Transport Systems – Savior or Nightmare? Hosted by: Sebastian Belz (EPTS) Panelists: Prof. Dr. Elmar Wilhelm Fürst – WU Vienna University of Economics and Business, Austria Prof. Dr. Eng. Martin Kagerbauer – Karlsruhe Institute of Technology, Germany Doc. Eng. Michal Matowicki, Ph.D. – Czech Technical University Prague, Czech Republic



12:00 SESSION II.

Between Promise and Inertia. On the Illusion of Innovation in Transport

Hosted by: Dr. hab. Michał Wolański, prof. SGH

Panelists:

Dr. Michał Beim – Poznań University of Life Sciences

Mikołaj Kwiatkowski – 4CT Solutions, Citya, ex Bleeps

Roman Walaszkowski – Association of the Szczecin Metropolitan Area

13:00 Lunch

14:00 POSTER SESSION.

New Directions in Transport and Logistics: Technology, Sustainability and Adaptation

Hosted by: Dr. hab. Anna Tokarz-Kocik, prof. US

Presenters:

Dr. hab. Joanna Kizielewicz, prof. UMG – Gdynia Maritime University

Explaining Cruise Lines' Contributions to Sustainability Transitions in Destination Ports

Dr. hab. Aleksandra Bartosiewicz, prof. UŁ – University of Lodz

Dr. hab. Tomasz Bieliński – University of Gdańsk

Segment-Specific Factors Associated with Road Transport Electrification in the European Union

Dr. Elżbieta Szaruga – University of Szczecin

Dr. hab. Anna Tokarz-Kocik, prof. US – University of Szczecin

From compliance checks to profile-based management of road transport drivers

Dr. Eng. Natalia Wagner – Maritime University of Technology in Szczecin

Onboard Carbon Capture and Storage: A Technology Management Perspective

Dr. Barbara Czerniachowicz – University of Szczecin

Dr. Izabela Auguściak – WSB Merito University in Poznań

AI-driven HRM and marketing-logistics integration as mechanisms of organizational adaptability in conditions of demand uncertainty and industry 4.0 transformation



Dr. Jędrzej Chałampowicz – Gdynia Maritime University

Dr. Venkata Nihar Nanyam – School of the Built Environment, London Metropolitan University, United Kingdom

Dr. Kaliyan Mathiyazhagan – Thiagarajar School of Management, Madurai, India

Service quality in Indian maritime container terminals – shipping line perspective

Dr. Bartosz Pilecki – University of Szczecin

Electromobility in Poland

MSc Eng. Anna Woźnica-Hanusik – University of Economics in Katowice

Operator-specific location strategies and spatial competition in parcel locker networks: GIS-based analysis from the Metropolis GZM

Dr. Eng. Andrzej Hanusik, MSc Eng. Wiktoria Maria Gałęcka – University of Economics in Katowice

Disparities in the Accessibility of Urban Amenities and Spatial Disparities - a Case Study of the Core of the Metropolis GZM

14:00 SESSION III.

Future Transport Technologies and Systems: Safety, Resilience and Sustainability

Hosted by: Dr. Dorota Książkiewicz (UG)

Dr. Michele Fiorini, MBA – CEng. FIET, Chief Technology Officer of the Electronics Division at Leonardo SpA, Rome

Maciej Brzozowski – Head of Representative Office in Poland, Hafen Hamburg

Przemysław Hołowacz – Chief Development Officer, CSL Sp. z o. o

15:00 SESSION IV.

Inclusive Mobility: Public Transport in Aging Cities and Regions

Hosted by: Dr. Zuzanna Kłós-Adamkiewicz (US)

Panelists:

Dr. Tiziano Pavanini – Research Fellow, Politecnico di Milano, Italy

Pieter Cools – AP Hogeschool Antwerpen, Belgium

Milan Sarzik – iTranSys, sro, Slovakia

16:00 Coffee break

16:15 SPECIAL SESSION

Special session devoted to the 80th anniversary of higher economic education in Western Pomerania

Hosted by: Prof. Piotr Niedzielski (US)

Panelists:

Prof. Dr. hab. Waldemar Tarczyński – Rector of the University of Szczecin

Prof. Dr. hab. Eng. Hubert Bronk – University of Szczecin

Prof. Dr. hab. Radosław Gaziński – University of Szczecin

Dr. hab. Krzysztof Wesołowski, prof. US – University of Szczecin

Dr. Piotr Frąckowiak – University of Szczecin

19:30 Gala dinner: Hanza Tower Banquet Hall, Aleja Wyzwolenia 46 in Szczecin, 5th floor



22.09.2026

TIME

ROOM 010

09:30

THEMATIC SESSION:

Challenges of the Blue Economy in the Transport and Energy Sectors

Hosted by: Dr. hab. Wojciech Drożdż, prof. US

Panelists:

Dr. Arkadiusz Marchewka – Secretary of State at the Ministry of Infrastructure, employee of the Internal Affairs Office

Dr. Artur Pomianowski – President of Polskie Terminale SA, employee of the Internal Affairs Office

Dr. Jarosław Siergiej – President of the Szczecin and Świnoujście Seaports Authority

Dariusz Dosek – General Director of PZM PP

Marcin Ryngwelski – President of the Management Board of PGZ Stocznia Wojenna

10:30

Coffee break

10:45

THEMATIC SESSION:

Seaport as an innovation area

Hosted by: Dr. hab. Michał Pluciński, prof. US

Panelists:

Daniel Saar – President of the Management Board of DB Port Szczecin sp. z o.o.

Piotr Trojanowski – President of the Management Board of the Świnoujście Ferry Terminal Sp. z o.o.

Paweł Pysiak – Bulk Cargo Development Manager – Port Szczecin sp. z o.o.

Dr. Eng. Mateusz Dziechciarz – Commercial and Forwarding Manager at Pol Agent sp. z o.o.

Adam Felusiak – Terminal Director at Szczecin Bulk Terminal sp. z o.o.



11:45 THEMATIC SESSION:

The vision of transport innovation in business assessment

Hosted by: Jerzy Gębski (PISiL)

Panelists:

Grzegorz Sobański – Owner and President of Sobanscy Transport Sp. z o.o.

Dariusz Matulewicz – President of ZSPD, Chairman of the ZMPD Region, Delegate of the ZMPD Region, owner of GRAVIS Transport

Adam Godawski – President of Omega Pilzno

Grzegorz Hinc – Creator and CEO of Snowstack.ai

12:45 Summary and conclusion of the Conference

13:00 Lunch



TIME

22.09.2026 | ROOM 002 -NEXTGEN TRANSPORT

09:30 WELCOME OF GUESTS BY DR. HAB. KAROL KUCZERA, PROF. US – DIRECTOR OF THE INSTITUTE OF MANAGEMENT FOR SCIENCE

09:40 SESSION I

Transport in the face of change – between regulation, transformation and practice

Hosted by: Dr. Agnieszka Gozdek (US)

Panelists:

MSc Eng. Patrycja Grupińska – Warsaw School of Economics

Barriers to the sustainable transformation of SMEs in road freight transport

MSc Eng. Patryk Heliosz – University of Economics in Katowice

Challenges of light road freight transport in the light of the Mobility Package regulations

Vladyslav Liashuk, BSc – Koszalin University of Technology

Analysis of margins and cost structure in intermodal transport with an element of ferry crossing on the Poland-Sweden route

Kinga Jutrzenka Trzebiatowska – Nicolaus Copernicus University in Toruń

The impact of the COVID-19 pandemic on the mobility of tourists from Scandinavia – implications for transport

10:30 POSTER SESSION | COFFEE BREAK

Transport for the next generations – between research and the future

Hosted by: Dr. Paulina Dąbrosz-Drewnowska (US)

Poster authors:

Weronika Starosiek, BSc – Maritime University of Technology .

The concept of transporting wind turbine components using autonomous road vehicles.

Szymon Capanda – College of Social Sciences, University of Rzeszów

Hybrid models of data collection and analysis in the preparatory phase of transport investments: A case study of the Rail Baltica project

Miłosz Małecki-Dobrogowski – Białystok University of Technology

The development of electromobility in Poland until 2050

Błażej Kazimierczak – University of Szczecin

The impact of artificial intelligence on the efficiency of processes in transport companies

10:45 SESSION II

New dimensions of transport – safety, technologies and new applications

Hosted by: Dr. Paweł Mieczan (US)

Panelists:

MSc Eng. Kacper Kuczera – University of Szczecin

Passenger safety and technical solutions in rail transport – water heating systems in passenger carriages

Dominik Zubel – University of Rzeszów

Integrated unmanned transport networks as the foundation of rescue, logistics and telemedicine of the future

Mykhailo Holoborodko, BSc – Poznań University of Economics

Spatial diversity and conditions of the distribution of publicly available electric vehicle charging points in Polish counties

Mikołaj Kędzierski – University of Rzeszów

Artificial intelligence as a tool supporting road safety management – selected legal aspects

11:45 SESSION III

Directions of transport development – sustainability, integration and automation

Hosted by: Dr. Eng. Mariusz Sowa (US)

Panelists:

MSc Eng. Artur Surmik – University of Economics in Katowice

Economics of sustainable development in road transport – selected conditions and problems of implementing the principles

MSc Eng. Wiktoria Gałęcka – University of Economics in Katowice

Typology of the cities of the core of the Upper Silesian-Zagłębie Metropolis according to the level of saturation with urban services

Aleksander Borek, Jadwiga Borek, Marika Rózek, Michał Stolarczyk – Silesian University of Technology

Concept of a dual-mode tram for the Upper Silesian-Zagłębie Metropolis

Adam Feliniak, Dominik Jankiewicz – University of Lodz

Robotics in TSL enterprises as a tool for reducing costs and increasing efficiency

12:45 Summary and closing of the Conference in room 010

13:00 LUNCH

Eur **trans**

TIME

20.09.2026 | ROOM 010 - YFE

14:00 Registration and welcome coffee

14:30 Opening of the Conference

14:45 Keynote Speech:

Dominik Pogorzelski – Head of AI for TSL, RedSky

15:45 Coffee Break

16:15 Presentations of selected topical AI transport-related research

Hosted by: Dr. Sylwia Kowalska (US, YFE)

Speakers:

Krystian Czemowski – University of Rzeszów

Technology Transfer in Transport from China to the EU Between Innovation and Strategic Security

Eng. Alžbeta Hrudková – University of Pardubice

Evaluating Forecasting Approaches for Railway Passenger Demand in Central Europe. A Comparative Study of Czechia, Slovakia and Poland (2016–2024)

Maria Ligęza – University of Warmia and Mazury in Olsztyn

07:40 – The Day the Global Supply Chain Stood Still. Ever Given, Artificial Intelligence, and Legal Responsibility in Transport Crisis Management

Eng. Radek Prokop – University of Pardubice

Using TOPSIS as a Decision-Support Tool for Basic Dynamic Pricing in Passenger Rail

17:15 Conference Closing

19:00 Networking dinner

