



# AIR TRAFFIC ENGINEERING

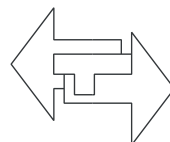
INTERNATIONAL SCIENTIFIC CONFERENCE

8-9 APRIL 2025 WARSAW

## VIII SCIENTIFIC CONFERENCE



**Studenckie Koło Naukowe  
Transportu Lotniczego**



**Faculty  
of Transport**

WARSAW UNIVERSITY OF TECHNOLOGY

## The Aim of the Conference

The conference is a unique meeting place for prominent representatives of the aviation world, scientists, and practitioners. The conference aims to exchange knowledge, experiences, and achievements between academic and aviation organizations in the field of air transport and its integration with other modes of transport. It is an exceptional opportunity to listen to presentations, lectures, and engage in discussions about innovative transport solutions.

## Conference topics

- \* Impact of air transport on the environment
- \* Air traffic, airport, and airspace modeling
- \* Ground handling issues
- \* Management systems for air, rail, and road transport
- \* Reliability and risk analysis in transport
- \* Modern security methods in the context of cyber threats in aviation
- \* New technologies in safety and security
- \* Modern airport pavements in theory and practice
- \* UAV: development, design, management, control, autonomous UAVs
- \* Human factors in air traffic engineering
- \* Education and training in various modes of transport
- \* Use of virtual reality in transport
- \* Cargo transport analysis and development
- \* Impact of COVID-19 on all types of transport
- \* Application of artificial intelligence in transport
- \* Legal and economic aspects of air transport

## Publications

Members of the Scientific Committee will review all submitted abstracts. Accepted abstracts will be published in conference proceedings.

A full paper (8 to 10 pages) should be submitted after abstract acceptance. The best papers in English will be recommended for publication in Springer's series Lecture Notes in Intelligent Transportation and Infrastructure (LNITI). The remaining papers (in English and Polish) that meet the editorial requirements will be recommended for publication in the WUT Journal of Transportation Engineering (WJTE). Please note that the standard editorial procedure will apply.

For the paper to be published (both in LNITI and WJTE) all these terms must be fulfilled: abstract and paper submitted before the deadline, Conference fee paid, paper presented during the conference.

## Spoken language

The official conference language is Polish and English.

Translations are not provided.

## Organizational information

The conference will be held in lecture hall 0.55 at the Faculty of Transport, Warsaw University of Technology, Koszykowa 75, Warszawa.

The conference will be hybrid, with the possibility of participating online (on the first day of the conference). The first day of the conference will also be streamed on YouTube.

## Short programme

### 8th April 2025 (Tuesday)

	<b>to 10:00</b>	Registration of Participants
	<b>10:00 - 10:30</b>	Opening Ceremony
	<b>10:30 - 12:00</b>	Session I
	<b>12:00 - 12:30</b>	Coffee Break
	<b>12:30 - 14:00</b>	Session II
	<b>14:00 - 15:00</b>	Lunch
	<b>15:00 - 16:30</b>	Session III
	<b>17:00</b>	Participants meeting

### 9th April 2025 (Wednesday)

	<b>09:00 – 10:30</b>	Poster Session
	<b>10:30 – 11:00</b>	Coffee Break
	<b>11:00 – 13:00</b>	Plenary Session
	<b>13:00 – 13:30</b>	Conference summary

## Conference deadlines

<b>31.01.2025</b>	Registration, abstract submission via the web page: <a href="http://www.konferencjairl.pw.edu.pl">www.konferencjairl.pw.edu.pl</a>
<b>14.02.2025</b>	Decision on the acceptance of the submitted topic
<b>28.02.2025</b>	Deadline for the conference fee payment
<b>08.03.2025</b>	Deadline for article submission



## The conference location

The conference will be held in lecture hall 0.55 at the Faculty of Transport, Warsaw University of Technology, Koszykowa 75, Warszawa.

The conference will be hybrid, with the possibility to participate online (on the first day of the conference). The first day of the conference will also be streamed on YouTube.

## Conference fee

The full participation fee for one person at the two-day conference is 1200 PLN. If an additional article is submitted for publication after positive reviews, an additional fee of 800 PLN will be charged.

The conference fee includes:

- Participation in the scientific program of the conference (hybrid format)
- Conference materials + abstract booklet (ISBN) (electronic version)
- Coffee breaks and lunch during the conference
- Certificate of participation in IRL2025 (electronic version)
- Accompanying events (to be defined later)

The fee does not cover accommodation, breakfasts, or dinners.

## Payment title

**To:**  
Faculty of Transport Warsaw University of Technology  
75 Koszykowa Street, 00-662 Warsaw

**Account number:**  
PKO PPL PW PL 55 1240 2092 9522 1160 0100 0000

**Note:**  
International Scientific Conference IRL2025  
Name of a participant.

## Honorary Committee

## Scientific Committee

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Warsaw University of Technology,  
Poland

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Poland

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Czech Technical University in Prague,  
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Technical University of Kosice, Slovakia

**Andrej Lalis**  
Czech Technical University in Prague,  
Czech Republic

## Organizing Committee

Division of Air Transport Engineering and  
Teleinformatics

**Anna Kwasiborska (Conference Supervisor)**

Student Air Transport Research Group

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## Organizers

Student Air Transport Research Group  
75 Koszykowa St. 00-662 Warsaw  
tel.: +48 660 584 398  
e-mail: [skntlpw@gmail.com](mailto:skntlpw@gmail.com)  
[www.skntl.pw.edu.pl](http://www.skntl.pw.edu.pl)

Division of Air Transport Engineering and Teleinformatics  
Faculty of Transport Warsaw University of Technology  
75 Koszykowa St. 00-662 Warsaw  
tel.: +48 22 234 73 39  
e-mail: [irl.wt@pw.edu.pl](mailto:irl.wt@pw.edu.pl)

[www.konferencjairl.pw.edu.pl](http://www.konferencjairl.pw.edu.pl)