

LIII (53rd) Winter School on Reliability 2025



TECHNICAL SYSTEMS' RELIABILITY

Conference organisers

Faculty of Transport
Warsaw University of Technology

Air Force Institute of Technology

under the patronage of

Transport Committee of
Polish Academy of Sciences

Committee on Machine Building of
Polish Academy of Sciences

Polish Maintenance Society

January 6th – 11th 2025

ANNOUNCEMENT No. 1

Conference topics

Reliability issues of technical objects and systems concern a very wide area of applications, especially:

- air, road, rail, sea, and inland waterway, as well as pipeline transport, including means of transport, transportation infrastructure, and management systems,
- industrial and civil engineering,
- electrical and electronic equipment industry,
- information and telecommunications technology,
- mechanical and manufacturing engineering,
- logistics systems and processes,
- agriculture and food industry,
- medicine, health care, environmental protection,
- chemical industry.

The topics of the papers will include theoretical and practical issues of technical objects and systems reliability, including but not limited to:

- objects reliability testing and assessment in operational and maintenance systems,
- modelling and simulation of reliability and durability of technical components and systems,
- objects availability optimisation,
- methods for increasing the reliability of machines and equipment,
- identification of failures and degradation processes of objects,
- analysis of components and systems' resilience to external events,
- human influence on technical systems reliability,
- ecological aspects of components and systems operation and maintenance,
- problems of training on reliability and safety,
- cybersecurity problems.

Organisational information

1. **Conference venue:** Hotel Meta (Szczyrk)
2. **Conference date:** January 6th – 11th, 2025
3. **Conference fee:** 1900 PLN

The conference fee for PhD students: 1700 PLN

The fee includes: participation in the Conference, meals (breakfasts, lunches, dinners, gala dinner, coffee breaks) and conference materials.

The conference fee does not include accommodation. The organisers provide preferential hotel accommodation prices (when booking min. three nights). Reservation of accommodation should be made directly at the hotel after prior notification of participation in the Winter School on Reliability 2025.

The Conference will be held in hybrid mode. In case of online participation in the Conference, the Conference fee is 950 PLN.

4. **Deadlines:**

- [abstracts' submission \(and, if possible, the full text of the article\) on the templates available on the conference website](#) 15.11.2024 r.
- [confirmation of the articles' topic acceptance by the Program Council](#) 6.12.2024 r.
- [participation application](#) 10.12.2024 r.
- [payment of the conference fee](#) 13.12.2024 r.
- [articles' full-text submission](#) 31.03.2025 r.

The complete papers' texts will be reviewed and, after being presented, qualified for post-conference publication in the monograph of the WUT Publishing House. At the same time, we kindly inform you that during the Winter School on Reliability 2025, it will be possible to publish articles in the Special Issues of **Sustainability**, **Sensors** and **Energies** journals by MDPI Open Access (100 / 140 points according to the MEiN list) as well as **Journal of KONBiN**, **Eksploracja i Niezawodność – Maintenance and Reliability**, **WUT Journal of Transportation Engineering** journals.

Articles accepted for publication in journals *Sustainability*, *Sensors*, *Energies*, *Eksploracja i Niezawodność – Maintenance and Reliability*, *WUT Journal of Transportation Engineering* after positive reviews will be subject to an APC Article Processing Charge payable directly by the Authors to the Publisher.

Participation conditions

Participation application

Application for participation in the Winter School on Reliability 2025 can be made by sending an e-mail titled "APPLICATION ZSN 2025" to the address:

zsn.wt@pw.edu.pl

no later than December 10th, 2024

Please include the following information in the e-mail:

- Participant's name and surname,
- Participant's title / academic degree,
- Participant's affiliation,
- Title of the paper,
- Authors of the paper with affiliation,
- Data for the invoice with a VAT identification number.

Sending an e-mail is tantamount to consent to process the Participant's data concerning his/her participation in the Conference.

Conference fee payment

Payment should be directed to the account:

Warsaw University of Technology
Faculty of Transport
Koszykowa 75 Str.
00-662 Warsaw

Bank account number:

55 1240 2092 9522 1160 0100 0000

with the name and surname of the participant(s),
their affiliation and statement
"Winter School on Reliability 2025"

Tel.: (+48) 22 234 7040, (+48) 503 136 585
e-mail: zsn.wt@pw.edu.pl

**Information about the Conference and
"Tips for Authors"
can be found on the website:**

www.zimowaszkołaniezawodnosci.pw.edu.pl

Program Council

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Tips for Authors

Abstract texts in Polish and English (preferably together with the article) **in electronic version only**, should be submitted **no later than November 15th 2024**, to the following e-mail address:

zsn.wt@pw.edu.pl

The name of the file should include the author's or first author's surname.

Abstracts in Polish and English, with a total length of two pages, should be prepared in accordance with the publishing requirements (file "Abstract's template") available on the conference website. Abstracts will be published as Materials for the Winter School on Reliability.

Articles qualified by the Program Council will be published in the post-conference monograph of the WUT Publishing House. Papers should be prepared in accordance with the publishing requirements ("Article's template" file) provided on the conference website.

Application for participation in the Conference Winter School on Reliability 2025 is tantamount to consent to the issuance of an invoice.

The project "LIII (53) Winter School on Reliability ZSN 2025" is co-financed from the state budget, allocated by the Minister of Science under the Excellent Science II Programme.



Ministry of Science and Higher Education
Republic of Poland