

VENUE

30th November– 2nd December 2022
in Hotel NOSALOWY DWÓR RESORT & SPA
ul. Balzera 21 D, 34-500 Zakopane.

The NOSALOWY DWÓR RESORT & SPA hotel is located near the Nosal Ski Center

Available, free of charge for participants:

- WIFI available in every room as well as in the conference and public areas,
- unguarded parking

THE CONFERENCE FEE

The conference fee is 1950,00 zł + VAT 23% (per one person). The conference fee includes:

- > meals (from lunch on November 30 to lunch on December 2),
- > accommodation from 30.11/01.12 and 01/02.12 (accommodation in double rooms),
There is a possibility of accommodation in a single room for an additional fee
PLN 550 + VAT 23% / person / for 2 days,
- > the gala dinner,
- > the friendly dinner,
- > transport on the Krakow - Zakopane route (round-trip),
- > technical tour,
- > conference materials.

Negotiations are possible for 10 or more participants from the same institution.

For SITK members discount 5% .

For members of SITK Department in Krakow discount 10%.

For representatives of state and local government administration institutions and universities discount 10%.

DATES

▪ application for participation in the conference with a speech, article and submission of abstracts	30.09.2022 r.
▪ submission of full papers for the review (NO DELAY IS POSSIBLE)	15.10.2022 r.
▪ delivery of other papers and materials (publication without revision)	31.10.2022 r.
▪ registration of participants (without speech or article)	20.10.2022 r.
▪ payment for the Conference	20.10.2022 r.
▪ written notification of resignation from participation in the conference	15.11.2022 r.
▪ Information No. 2	15.11.2022 r.

Any delay in relation to the deadlines should be agreed with the organisers.

In case of emergency situations (e.g. pandemic) the DATES may change. We will inform you immediately.

PRESS PATRONAGE

Nowoczesne
Budownictwo
Inżynieryjne



budownictwo
inżynieryjne.pl

TRANSPORT
MIEJSKI
I REGIONALNY
URBAN AND REGIONAL TRANSPORT

przeгляд
komunikacyjny



The 21st Scientific and Technical Conference MODERN TECHNOLOGIES AND MANGEMENT SYSTEMS FOR RAIL TRANSPORT



Hotel

Nosalowy Dwór Resort & Spa
30th November – 2nd December 2022

ORGANIZERS

Polish Association of Engineers and Technicians of Transportation Department
in Krakow, together with:

- > Cracow University of Technology - Chair of Roads, Railways and Traffic Engineering
- > PKP Polskie Linie Kolejowe S.A.
- > Małopolska District of Polish Chamber of Civil Engineers

HONORARY PATRONAGE

Andrzej Adamczyk - Minister of Infrastructure
Łukasz Kmita – Małopolska Province Governor *
Witold Kozłowski - Marshall of Małopolskie Voivodship
Ignacy Góra - President of the Office of Rail Transport
Tadeusz Ryś - Chairman of the State Commission on Railway Accident Investigation
Ireneusz Merchel - President of the Management Board of PKP Polskie Linie Kolejowe S.A. *
Adam Wielądek - Honorary President of UIC
Andrzej Gołaszewski - Honorary President of SITK RP
Jacek Paś - President of the Polish Association of Engineers and Technicians of Transportation*

* The organizers have applied for honorary patronage

SCIENTIFIC COMMITTEE

prof. dr hab. inż. Danuta **Bryja** (*Politechnika Wroclawska*) *
prof. dr hab. inż. Włodzimierz **Czyczula** (*Politechnika Krakowska*)
prof. dr hab. inż. Juliusz **Engelhardt** (*Uniwersytet Szczeciński*)
prof. dr hab. inż. Kazimierz **Furtak** (*Politechnika Krakowska*)
dr inż. Lucjan **Janas**, prof. PRz (*Politechnika Rzeszowska*) *
prof. dr hab. inż. Kazimierz **Kłosek** (*Politechnika Śląska*)
dr inż. Andrzej **Kochan** (*Politechnika Warszawska*)
prof. dr hab. Piotr **Koziol** (*Politechnika Krakowska*)
prof. dr hab. inż. Marek **Krużyński** (*Politechnika Wroclawska*)
dr hab. inż. Andrzej **Massel** (*Instytut Kolejnictwa*)
prof. dr hab. inż. Waldemar **Nowakowski** (*Uniwersytet Technologiczno-Humanistyczny*) *
prof. dr hab. inż. Elżbieta **Pilecka** (*Politechnika Krakowska*)
prof. dr hab. inż. Marek **Sitarz** (*Akademia WSB w Dąbrowie Górniczej*) *
prof. dr hab. inż. Wiesław **Starowicz** (*Politechnika Krakowska*)
prof. dr hab. inż. Michał **Strach** (*Akademia Górniczo-Hutnicza im. S. Staszica w Krakowie*)
prof. dr hab. inż. Andrzej **Szarata** (*Politechnika Krakowska*)
prof. dr hab. inż. Antoni **Tajduś** (*Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie*)
prof. dr hab. inż. Kazimierz **Towpik** (*Politechnika Warszawska*) *
prof. dr hab. Paweł **Wajda** (*Attorney*) Of Counsel Baker & McKenzie Krzyzowski i Wspólnicy sp.k.
prof. dr hab. inż. Adam **Wysokowski** (*Uniwersytet Zielonogórski*)

* The organizers have applied for acceptance

ORGANIZING COMMITTEE

Chair:	Józefa Majerczak	
Secretary of the conference :	Janina Mrowińska	
Members:	Beata Blak Marek Bleszyński Jerzy Hydzik Anna Karpierz Sergiusz Lisowski Zbigniew Marzec	Karol Nędza Michał Patla Sabina Puławska-Obiedowska Stanisław Waligóra Józef Wiczorek Włodzimierz Żmuda

TOPICS OF THE CONFERENCE

Modern technologies in the design, construction, maintenance, diagnostics and operation of rail infrastructure and rolling stock for passenger and goods transport, including:

1. Railway investments in the new economic reality in Poland and the European Union, including investments related to the energy transition to combat climate change, as well as to reduce dependence on fossil fuels (including electrification of railway lines).
2. Adaptation of the line and point infrastructure of rail transport in Poland to the transport needs related to the European integration of Ukraine, as well as the condition of the railway infrastructure in Ukraine and the perspective for its reconstruction.
3. Experiences in the preparation and implementation of rail investments in the last decade together with recommendations for the perspective 2021-2027, including: effectiveness of implemented investments, modifications of assumptions resulting from changes in the environment and new forecasts, assessment of the quality of materials and systems used.
4. The role of the Solidarity Transport Hub Poland in development of transport market in Poland.
5. The latest models for infrastructure design, implementation and management, including BIM, Asset Management.
6. Issues related to railway infrastructure (tracks, engineering facilities, including tunnels, railway traffic control, energy, telecommunications, IT), in particular the use of the latest technological and material achievements in its construction, expansion, renovation and maintenance, including issues related to the principles of sustainable development, LCA (life cycle analysis).
7. Certification and approval of structural subsystems regarding interoperability.
8. The development of processes and modern solutions in machines and devices for infrastructure maintenance on modernized railways.
9. Development of rail transportation in agglomerations and improvement of accessibility in regions, Railway Plus Program.
10. Railway of the 21st century – options for funding of research and development projects and innovations.
11. Cybersecurity in rail transport.
12. Issues with the preparation of staff for the completing tasks in rail transport, ie education at the level of secondary schools and universities, and building license (for design and construction).

CONFERENCE PROCEEDINGS

Articles prepared for the presentation at the conference, after the review, will be published in the Publications of the Polish Association for Transportation Engineers in Krakow and delivered to the participants during the conference. We also accept articles in English for publication.

The guidelines for the preparation of papers: <http://www.sitk.org.pl/zeszyty-naukowo-techniczne/>

Papers and other materials for publication should be sent to the email address: konferencja.nowoczesne@gmail.com

The organizers invite young engineers at the age below 35 to prepare and present their papers. The most innovative presentation selected by the Scientific Committee will be awarded by the Organizers.

THE CONFERENCE FEE

Requirements for participation in the CONFERENCE: sending the completed APPLICATION FORM (by post, fax, e-mail or on-line - application form on our website: <http://www.sitk.org.pl>) and making a payment of **1950,00 + VAT 23%** per person to the account of SITK RP Department in Kraków, 30-804 Kraków, ul. Siostrzana 11, Bank PEKAO S.A. nr 43 1240 4722 1111 0000 4859 0666 **by 20th October 2022. At the transfer, please provide the name of the participant (s) of the conference or the invoice number.**

If you wish to resign from participation in the conference, please inform the Organizing Committee in writing to the address of the Department until November 15, 2022. Otherwise, no refund will be possible.

CORRESPONDING ADDRESS

SITK RP Oddział w Krakowie, ul. Siostrzana 11, 30-804 Kraków

e-mail: for English: spulawska@pk.edu.pl;

Others: anna.karpierz@sitk.org.pl or janina.mrowinska@sitk.org.pl