

PDMT 2025



Dedicated to the 65-th anniversary of the day of
sleep Vinnitsa National Technical University

PROSPECTS for the development of MECHANICAL ENGINEERING AND TRANSPORT

IV International Scientific and Technical Conference

Ukraine, Vinnytsia, VNTU
June 3-5, 2025

The purpose of the conference is to provide opportunities for dissemination of the latest scientific, technical, and engineering information in the direction of the development of industry technologies and equipment, automotive engineering and technology, methods of machines and structures dynamics, materials science, and metal forming, as well as the promotion of scientific achievements of leading scientists from Ukraine and foreign countries.



www.vntu.edu.ua

Ministry of Education and Science of Ukraine
Vinnytsia National Technical University
Danube University Krems (Austria)
Donbass State Engineering Academy
National University "Zaporizhzhia Polytechnic"
University of West Bohemia in Pilsen (Czech Republic)
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I.M. Frantsevich Institute of Materials Science named after of the National Academy of Sciences of Ukraine
Lublin University of Technology (Poland)
National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"
Lviv Polytechnic National University
Ukrainian Institute of Scientific and Technical Expertise and Information
Tor Vergata University (Italy)
Karpenko Physico-Mechanical Institute of the NAS of Ukraine
Technical University Gheorghe Asachi of Iași (Romania)

CONFERENCE THEMATIC AREAS

- Problems of Dynamics and Strength of Machines and Structures
- Robotmechatronics and automation systems of mechanical engineering
- Transportation systems and technologies
- Problems of design, manufacturing and operation of armament and military equipment
- Theoretical and applied problems of deformable solid mechanics, metal pressure treatment and auto-technical examinations
- Problems of artificial implants industry development in mechanical bioengineering
- Material science and durability of materials, coatings, structures
- Vibration utilization in engineering and technologies
- Innovative technologies in the context of training specialists for sustainable development of Ukraine

The papers that will be approved at the scientific and technical conference and determined as the best at the breakout sessions will be printed in foreign editions indexed in the **Scopus** and **WoS** databases.

OFFICIAL SPONSORS

- TDV "Bratslav"
- PE "Vinnytsia Vegetable Company"
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Newsletter

Language: The official languages of the conference are Ukrainian and English.

Conference venue:

- Butterfly Hotel Complex - 20 km from Vinnytsia heading to Khmelnytsky (in case of no restrictions)
- Vinnytsia, VNTU, Internet conference (restrictions applied).

CONFERENCE FEE

Standard (offline/online) - 500/150 UAH,
For foreign participants (offline/online) - 100/40 USD.
For postgraduate students (offline/online) - 250/100 UAH,
For university students (offline/online) - 100/50 UAH.
Payment details are available on the conference website.

FEE COVERAGE:

- Abstract publication;
- Participation in all scientific sessions of the conference;
- Conferencer materials provision;
- Coffee breaks and cultural events with excursions (in case of no restrictions).

ACCOMMODATION

The conference participant can book a room in the Butterfly Hotel Complex or a room in the university dormitory by prior application sent to the conference secretariat. One can stay at a hotel in Vinnytsia on your own using web resources such as booking.com. Bed and board are paid for by the participant.

ORGANIZING COMMITTEE

Address: 95 Khmelnytske Ave,
Vinnytsia, Ukraine, 21021.
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E-mail: pdmvntu@gmail.com

<https://conferences.vntu.edu.ua/index.php/prmt/pmrt2025>

STEPS TO PARTICIPATE

1. Fill out the registration form and e-mail it to the Organizing Committee.
2. Submit an abstract via e-mail to the conference secretariat.
3. Pay the fee and email a copy of the receipt to the conference secretariat.

DEADLINES

Pre-registration - May 07, 2025.
Abstract submission - May 20, 2025.
Confirmation of acceptance - May 25, 2025.
Registration - June 03, 2025 8:00 -10:30 a.m. at the Butterfly Hotel Complex.
The conference will take place on June 3-5, 2025 at the Butterfly Hotel Complex or at the university's online platform via links that will be e-mailed to participants by May 25, 2025.

ACCEPTANCE CRITERIA

Abstract requirements are found on the conference website. The submitted abstracts will be reviewed by the Organizing Committee and remain unedited to be published before the conference. Papers recommended by the organizing committee and properly submitted, will be published in professional periodicals indexed in the Scopus and WoS scientometric databases and professional journals "VPI Bulletin" (Index Copernicus), "Journal of Mechanical Engineering and Transport" (Index Copernicus).

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VINNITSA



city of conferences

The city of Vinnytsia is called the pearl of Podillia. Located on the banks of the legendary Southern Bug River. The city is over six hundred years old. Respect and care for the past, the revival of the city's national traditions have become quite widespread recently and contribute to the revival of the spiritual life of the city. All museums of the city are open to visitors. The Local Lore and Art Museums are a real treasury. which houses masterpieces of art, sculptures, articles of decorative art, a collection of masterpieces of Polish nobles, archaeological and ethnographic finds.



Hotel Complex Butterfly

For guests of the city, excursions to important historical places are planned.

Museum-estate of M.I. Pirogov and the chapel of St. Nicholas, where the embalmed body of the world-famous surgeon Nikolai Pirogov lies.
Historical and memorial complex "Werewolf".
Light and music fountain ROSHEN.