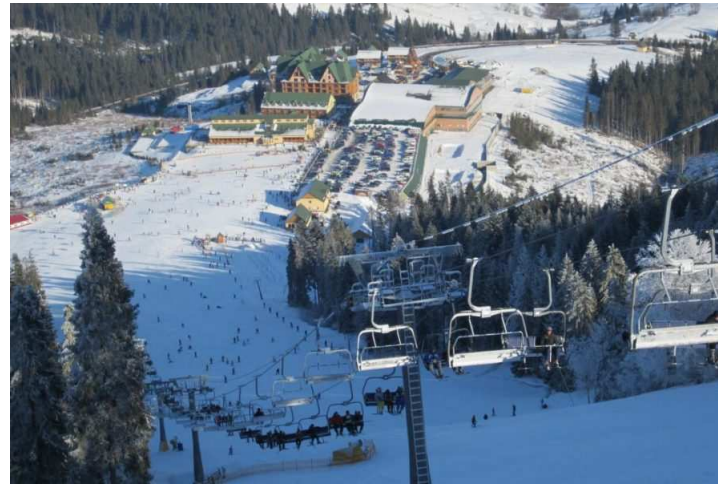


## CONFERENCE PROGRAM

- 3.02.20** - Arrival to Lviv, accommodation in hotels.  
15.00 - University and the city tours.
- 4.02.20** – 10.00 - 12.00 Registration of conference participants (Lviv Polytechnic National University main hall).  
12.00 - 17.00 Plenary session (Assembly Hall of Lviv Polytechnic National University).  
19.00 – Gala Dinner.
- 5.02.20.** - 10.00 Departure to the Ski Resort (“Plai”, Carpathians) – by bus from the main building of Lviv Polytechnic. *The Ski Resort is located in a picturesque region of the Ukrainian Carpathians mountains:* <https://play-karpaty.com/en/main-page/>. 2 conference halls for conferences are available. Accommodation of Conference participants is planned in comfortable twin rooms of standard-, elite- or economy-class. To services of participants in free time - rental of sports equipment (skis, snowboards); sauna, SPA, swimming pools.  
12.00 –Arrival to Ski Resort.  
12.00 – 13.00 – Accommodation in Ski resort.  
13.00 – 14.00 – Coffee Break.  
14.00-18.00 – Sections.
- 6.02.20.** 10.00–13.00. – Sections.  
13.00–14.00. – Coffee Break.  
14.00–18.00. – Free time.
- 7.02.20** 10.00 – 12.00 – Closing Ceremony, Awards and Farewell.  
12.00 –Departure to Lviv.  
14.00 –Arrival to Lviv

### Organizing Committee

Ihor Hrytsay – Prof., Dr. Sc., Head of Mechanical Engineering Department, Lviv Polytechnic  
Andrij Slipchuk –PhD., Ass. Prof. of Mechanical Engineering Department, Lviv Polytechnic  
Vadym Syupnytskyi – Dr. Sc., Professor of Mechanical Engineering Department, Lviv Polytechnic  
Yaroslav Kusyi. – PhD, Ass. Prof. of Mechanical Engineering Department, Lviv Polytechnic  
**Address of the organizing committee:** 79013, Professorska str. 2, Lviv, Ukraine  
**Tel. (Andrij Slipchuk - Secretary):** (+38)067-7657887  
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## Dear Colleagues!

Lviv Polytechnic National University invites you to take part in IX International Scientific and Technical Conference "**Advanced Technologies in Mechanical Engineering**" from 3 to 7 February 2020.

## CONFERENCE TOPICS

1. Advanced machining processes, methods of forming and surface hardening.
2. CNC machine tools, manufacturing equipment and tools.
3. Computer-aided design and simulation processes, CAD/CAM/CAE and CALS-technologies in mechanical engineering.
4. Modeling, synthesis, optimization and simulation in mechanical engineering.
5. Materials science and surface engineering.
6. Modern assembly technologies.

## CONFERENCE MATERIALS PUBLICATIONS

Request for participation in the Conference (see attached file), Abstracts (electronic version in English - preferably) should be sent **by December 1, 2019**, to the e-mail [nulp\\_tmb-konf@i.ua](mailto:nulp_tmb-konf@i.ua).

The scientific papers of the conference participants can be submitted in the Academic Journal «Ukrainian Journal of Mechanical Engineering and Materials Science» before December 15, 2019. Requirements for articles:

<http://science.lpnu.ua/ujmeme/instructions-authors>.

The article should correspond to the scientific level and conference theme. Term of publication of the article – 1 Quarter 2020.

Articles, which will be recommended by the Program Committee, will be published in the scientific edition of Poland "Archives of Mechanical Technology and Materials" (<http://www.atmia.put.poznan.pl/?q=en>). Requirements for publication:

<http://www.atmia.put.poznan.pl/en/node/11>.

**No fee for publishing articles in scientific journals «Archives of Mechanical Technology and Materials» and «Ukrainian Journal of Mechanical Engineering and Materials Science» for conference participants**

Abstracts, prepared according to the requirements, will be published in the Proceedings before the conference. Abstracts aren't more than 3 pages.

### Requirements for abstracts

1. Page size: A4 (210×297 mm).
2. Fields: internal – 20 mm, external – 20 mm, top – 20 mm, bottom – 20 mm.
3. Article text: font type – Times New Roman, font size – 14 pt, first line indentation – 10 mm, line spacing (interline interval) – 1.0, text alignment – to the width of the page.
4. Papers volume should conform to limit outlined in the template (not more than 3 pages). File type – \*.doc (MS Word 97-2003)
5. Example of abstracts are in the attached file.

## COST AND PAYMENT PROCEDURE

The conference registration fee is **50 EUR** for each participant (for the Keynote Speakers - **40 EUR**). Accompanying persons pay only transfer to the Ski Resort (**20 EUR**).

**The registration fee consists:** admission to all conference sessions (keynote session in Lviv, technical sessions in Ski Resort "Plai"); one conference bag; one paper in "Ukrainian Journal of Mechanical Engineering and Materials Science" (online publication); one Book of Abstracts; transfer Lviv-Plai-Lviv by bus; coffee breaks and refreshments; city tour in Lviv.

**Registration fee does not cover:** Gala Dinner; accommodation cost (Lviv, Ski Resort).

**For legal entities and users of grants** after the confirmation of participation, the registration fee must be counted before December 1, 2019 to the bank account: JOINT STOCK COMPANY "THE STATE EXPORT-IMPORT BANK OF UKRAINE", Ukraine, 03150 Kyiv, 127 Antonovycha Str. S.W.I.F.T.: EXBSUAUX, Acc.№ 26005000028040 IBAN: UA943223130000026005000028040

**For private persons the registration fee may be paid in Lviv (after arrival).**

Daily accommodation cost in Ski Resort standard room is from 1200-1400 UAH (**≈40-50 EUR**) (twin standard room with separate beds (<https://play-karpaty.com/en/plai-hotel>)) to 3100-3500 UAH (**≈110-125 EUR**) (twin two-room suite + pools and sauna use for both visitors (<https://play-karpaty.com/en/karpatska-ruzha-hotel>)). Breakfast is included.

Booking a hotel in the Ski Resort (Hotel "Plai" (Standard Class) or "Carpathian Ruzha" (Elite Class)) is performed **independently (of your choice!)** until December 15, 2019, at the address: <https://play-karpaty.com/en/hotels/>. In the booking request in the window "Special Requirements" you need to enter the promo code "PTME-2020".

You can also book a hotel by email [karpatyskaruzha@gmail.com](mailto:karpatyskaruzha@gmail.com) until December 15, 2019 (be sure to specify the promo code "PTME-2020" in letter)

## Program Committee\*

**Hrytsay Ihor (Ukraine)** - Chair, Prof., Dr. Sc., Lviv Polytechnic National University.  
**Lanets Oleksij (Ukraine)** - Co-Chair, Dr. Sc., Lviv Polytechnic National University;  
**Ziobro Jan (Poland)** - Co-Chair, Prof., State Higher Vocational School in Sanok;  
**Panchuk Vitalii (Ukraine)** - Co-Chair, Prof., Dr. Sc., Ivano-Frankivsk National Technical University of Oil and Gas;  
**Bošanský Miroslav (Slovakia)** - Prof., Slovak University of Technology, Institute of transport technology and designing  
**Dasic Predrag (Serbia)** - Prof., Dr. Sc., University Union «Nicola Tesla»  
**Hurej Ihor (Ukraine)** - Prof., Dr. Sc., Lviv Polytechnic National University;  
**Jedrzejewski Jerzy (Poland)** – Prof., Dr. Sc., Wrocław University of Science and Technology  
**Kovalyov Victor (Ukraine)**- Prof., Dr. Sc., rector of the Donbass State Engineering Academy;  
**Kuric Ivan (Slovakia)** - Prof., Ph.D., University of Zilina  
**Lutsiv Ihor (Ukraine)**- Prof., Dr. Sc., Ternopil Ivan Puluj National Technical University;  
**Mamalis Athanasios (Greece)** - Academician Professor Dr.- Ing. Dr.h.c. Prof.h.c., National Center for Scientific Research Demokritos  
**Milan Edl (Czech Republic)** - Ass. Prof., University of West Bohemia  
**Pasichnyk Vitalii (Ukraine)** - Prof., Dr. Sc., Vice-Rector of scientific work, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute";  
**Permjakov Oleksandr (Ukraine)**- Prof., Dr. Sc., National Technical University «Kharkiv Polytechnic Institute»  
**Petrakov Jurii (Ukraine)**- Prof., Dr. Sc., National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute";  
**Storchak Michael (Germany)** – Prof., Dr. Sc., University of Stuttgart, Institute of Machine Tools  
**Stupnytskyy Vadym (Ukraine)** - Prof., Dr. Sc., Lviv Polytechnic National University;  
**Tonkonogiy Volodymyr (Ukraine)** - Prof., Dr. Sc., Odessa National Polytechnic University;  
**Trebuna Peter (Slovakia)** – Ass. Prof., PhD, Technical University of Kosice  
**Vorontsov Borys (Ukraine)** – Prof., Dr. Sc., National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute";  
**Zaloga Wiliam (Ukraine)** - Prof., Dr. Sc., Sumy State University;

\* Program Committee List will be added

**Lviv Polytechnic National University**  
**Ivano-Frankivsk National Technical**  
**University of Oil and Gas**  
**State Higher Vocational School in Sanok (Poland)**



*IX International  
scientific and technical  
conference*

**ADVANCED TECHNOLOGIES  
IN MECHANICAL  
ENGINEERING**

*3-7 February 2020  
Lviv - Plai*