

## CONFERENCE PROGRAM

**4.02-5.02.18.** Arrival of the participants.

**5.02.18** – 9.00–10.00 – Registration of the participants.  
(Conference Hall IFNTUOG)

10.00-12.00 – Plenary Session (Conference Hall IFNTUOG)

12.00–13.00 – Lunch Break.

13.00–14.00 – Passage from Ivano-Frankivsk in Yaremche, Hotel Premium Club.

(Coordinate 48°27'10.8"N 24°32'52.8"E)

14.00–15.00. – Settling in Hotel.

15.00-18.00 – Plenary.

19.00 – Banquet.

**6.02.18.** 10.00–13.00. – Technical Sessions.

13.00–14.00. – Lunch Break.

14.00–18.00. – Technical Sessions.

19.00 – Banquet.

**7.02.18** 10.00–13.00. – Technical Sessions.

13.00–14.00. – Lunch Break.

14.00–18.00. – Rest.

**8.02.18** 10.00-12.00 Closing the conference. Discussion and debriefing conference.

12.00 . Departure.

### Organizing Committee

Panchuk V. – Professor, Head of the CE Department

Odosiy Z. – Professor CE Department

Onysko O. – PhD., CE Department

Stupnytsky V. – Professor TME Department (NU “LP”)

Slipchuk A. – PhD., TME Department (NU “LP”)

Medvid Ju. – engineer, CE Department (Secretary).

**Address of the organizing committee:** 76019, Ukraine, Ivano-Frankivsk, Karpats'ka str., 15. IFNTUOG, Department of computerized engineering (CE)

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## Dear colleagues!

Ivano-Frankivsk National Technical University of Oil and Gas with National University "Lviv Polytechnic" from 4 to 8 February 2019 held VIII International Scientific Conference " Progressive technologies in mechanical engineering" (PTME 2019).

## TOPICS

1. Key issues, the trend of development, the economic and organizational aspects of mechanical engineering, engineering education and scientific research.
2. Advanced technologies of machine-building productions.
3. Progressive machining processes, methods of forming and surface hardening.
4. CNC machine tools, manufacturing equipment and tools.
5. Information technologies, computer-aided design and simulation processes, CAD/CAM/CAE and CALS-technologies in mechanical engineering.
6. Surface Engineering.
7. Engineering of the mechatronics systems.

## MATERIALS OF THE CONFERENCE

To participate, you must first send to December 15, 2018 to the email address of the organizing committee [ptme2019@gmail.com](mailto:ptme2019@gmail.com), application form, abstracts (electronic versions Ukrainian or English).

Abstracts are designed according to the requirements, will be published in the Proceedings of the conference before the conference. Abstracts - 3 pages.

Proceedings of the conference participants who will present a timely article in the editorial board and a full set of documents will be recommended for publication in scientific journal – “**Ukrainian Journal of Mechanical Engineering and Materials Science**”, which listed as professional editions of Ukraine, indexing in Index Copernicus. The article should be executed in accordance with the requirements for publications in professional editions of Ukraine, correspond to the scientific level and the topics of the conference.

**For the publication of the article should be given in the editorial board of "Lviv Polytechnic" following materials:**

printing paper in two copies signed by authors.

The electronic version of the article have to send to the e-mail: [ptme2019@gmail.com](mailto:ptme2019@gmail.com);

## REQUIREMENTS FOR ABSTRACTS

Microsoft Word 2003 (2007,2010), format A4, all margins - 2 cm, font - Times New Roman 14, through 1 spacing, justified, indent 1 cm., without hyphenation. The total volume - up to 3 pages.

*Example abstracts*

## DRILLS WITH IMPROVED BALANCE

<sup>1</sup>Ivanchenko A.C., *Ph.D., professor*, <sup>2</sup>Petrenko P.B., *undergraduate student*

<sup>1</sup> National technical university of Ukraine "Igor Sikorsky Kyiv polytechnic institute"

<sup>2</sup>Sumy State University

.....  
Analysis of activities aimed at improving the geometry of the front surface of the spiral drill showed that...

## References:

1. Родин П.Р. Основы проектирования ...

## 3. Requirements for articles:

Manuscript must consist of the following parts: 1. Problem. 2. Analysis of recent research. 3. Formulating objectives report. 4. The main material. 5. Conclusions. 6. References.

Requirements for articles see. on

<http://vlp.com.ua/node/1185>

## Registration fee for the conference - 20 EURO.

The fee includes: organizational costs of the conference and the publication of the conference's materials, city tours (on request), coffee breaks.

*The publishing of articles in "Ukrainian Journal of Mechanical Engineering and Materials Science" – free of pay*

*Payment of the registration fee – in place (after arrival at the conference)*

*Letters can be sent to:* 76019, Ukraine, Ivano-Frankivsk, Karpatska str., 15. IFNTUOG, Department of computerized engineering.

Additional charges: hotel price – 30-50 EUR/day for 1 person (<http://premium-cl.com/ua>), cultural program, banquet – 30 EUR (optional). **(Prices are indicative!).**

## Program Committee

**Panchuk Vitalii** (Ukraine) – Chairman, Professor, Head of Computerized Engineering Department (Ivano-Frankivsk National Technical University of Oil and Gas)

**Grytsay Igor** (Ukraine) – Co-Chair, Professor, Head of Department of Manufacturing Engineering (National University "Lviv Polytechnic").

**Kalukiewicz Antoni** (Poland) — Co-Chair, prof., AGH University of Science and Technology, Faculty of Mechanical Engineering and Robotics, Dean

**Ziobro Jan** (Poland) — prof., State University of Applied Sciences in Nowy Sącz (Państwowa Wyższa Szkoła Zawodowa in Nowym Sącz), Institute of Technology, Director

**Burek Jan** (Poland) - prof., Rzeszow University of Technology,

**Tihomir Latinovic** (Republic of Srpska, Bosnia and Herzegovina) —, prof., University in Banja Luka, Faculty of Mechanical Engineering.

**Canli Eyub** (Turkey) - Selcuk University (Selçuk Üniversitesi), Faculty Member, Mechanical Engineering

**Fiorentino Michele** (Italy) - Politecnico di Bari, Faculty Member, D.I.Me.G.

**Neumann Karl-Heinz** (Germany) – prof., University of Applied Sciences, Zwickau.

**Pereira Alejandro** (Spain) - prof., Design in engineering of Universidade de Vigo,

**Michael Storchak** (Germany) – prof., Institute for Machine and Tools University of Stuttgart

**Hurey Igor** (Ukraine) - Doctor of Technical Sciences, Professor of Manufacturing Engineering Dept. (National University "Lviv Polytechnic");

**Zaloga William** (Ukraine) - Professor, Head of Manufacturing Engineering, Machine Tools Dept. (Sumy State University);

**Kovalev Victor** (Ukraine) - Professor, Rector of Donbass State Engineering Academy (Kramatorsk);

**Lutsiv Igor** (Ukraine) - Head of "Design Tools, Instruments And Machines" Dept. (Ternopil National Technical University)

**Pasichnyk Vitaly** (Ukraine) - Professor, Head of Integrated Technologies Engineering Dept. (National Technical University of Ukraine "Kyiv Polytechnic Institute");

**Petrakov Yuriy** (Ukraine) - Professor, Head of Department of Manufacturing Engineering (National Technical University of Ukraine "Kyiv Polytechnic Institute");

**Permyakov Olexandr** (Ukraine) – Professor, Head of Department "Technology of mechanical engineering and machine tools" (National Technical University 'Kharkiv Polytechnic Institute)

**Shkitsa Lesja** (Ukraine) - Professor, Head of Department of Engineering and Computer Graphics (Ivano-Frankivsk National Technical University of Oil and Gas);

**Stupnytskyy Vadym** (Ukraine) – Professor of Manufacturing Engineering Dept. (National University "Lviv Polytechnic");

**Tonkonogy Volodymyr** (Ukraine) - Professor, Director of the Institute of Industrial Technology, Design and Management Dept. of the Odessa National Polytechnic University;

Ministry of Education and Science of Ukraine  
Ivano-Frankivsk National Technical University of  
Oil and Gas

Institute of Mechanical Engineering  
National University "Lviv Polytechnic"  
Institute of Engineering Mechanics and Transport



**VIII INTERNATIONAL  
SCIENTIFIC AND TECHNICAL CONFERENCE**

**PROGRESSIVE TECHNOLOGIES IN  
MECHANICAL ENGINEERING**

**PTME 2019**

**4-8 February 2019  
Ivano-Frankivsk —  
Yaremche (Carpathians)**