

ATTENTION.

Materials that do not meet the topics of this collection and the above requirements, as well as those who arrived late at the editorial board (after June 10) will not be published!

More detailed information on the design of the article can be obtained by calling +380 44 3791447

E-mail: altis-ism@ukr.net; Web: <http://www.ism.kiev.ua>

LIST OF MATERIALS SUBMITTED:

- application and information about the authors of the article, (indicate the phone-fax and e-mail of the author with whom correspondence will be maintained);
- manuscript of the article;
- electronic version of the article (on any media).

ATTENTION

Demonstration material at the conference (drawings, tables, diagrams, etc.) is presented in the form of files in Microsoft Power Point format.

The publication of articles in the conference collection is paid and is included in the registration fee.

AUTHORS, SENDING ARTICLES TO THE COLLECTION AND NOT PAYING THE REGISTRATION FEE, MAY BUY IT ONLY FOR A SEPARATE PAYMENT.

The conference starts at **9.00** in the morning on **September 16, 2019.**

Arrival and registration of participants - **September 15, 2019.**

Departure of participants - **September 20, 2019.**

TRANSPORTATION

Town Truskavets. The distance from the hotel "Beskid" to the railway station is 900 m, the bus station is 300 m.

Lviv city. If you plan to travel from Lviv (80 km from Truskavets), then the following options are possible: 1) fixed-route taxi, its parking place - near the railway station (railway), departure time - every 30 minutes (as bus is full, the journey time is 1.5 hours, 2) by railroad from the station Lviv to the station. Truskavets, the journey time is about 3 hours; 3) taxi, parking place - station square (railway), time on the way - 1 hour.

Tickets from the town of Truskavets on the return journey participants of the conference acquire independently.

TIME

Local time in Truskavets is one hour ahead of the Central European.

CLIMATE

Sanatorium and resort town of Truskavets, located in Western Ukraine in the Lviv region, is known not only in Ukraine, but also beyond its borders, thanks to a large reserve of natural mineral waters and ozocerite deposits. Healing properties of mineral water have been known for a long time, as early as the 16th century, the action of Truskavets sources was studied by specialists from Germany and Austria-Hungary. Truskavets is a very calm and quiet town. The beauty of the nature and the purest mountain air will not leave you indifferent.

Most of September in Truskavets are sunny days, but cloudy and cloudy days are also not uncommon. The average day and night temperatures during September are 16.5 °C and 6.9 °C, respectively. The amount of precipitation that falls in Truskavets during September is 34.2 mm.

EXCURSION PROGRAM

Participants in the conference in their free time for an additional fee will be given the opportunity to explore the sights of the city, its surroundings, the history and cultural heritage of the Carpathians.

ADDRESS FOR INFORMATION AND CONTACTS

UKRAINE, 04074, Kyiv, ul. Avtozavodskaya, 2, V. Bakul Institute for Superhard Materials NAS Ukraine.

ORGANISING COMMITTEE

Bondarenko Nikolai Aleksandrovich - Chairman of the organizing committee tel+380 44 467-56-25

Lukash Vladimir Andreevich - Deputy

Chairman of the Organizing Committee tel. +380 44 430-86-92

Sokolov Aleksandr Nikolaevich - Scientific Secretary

Tel. +380 44 430-35-06; +380 67 600-69-81(mobile)

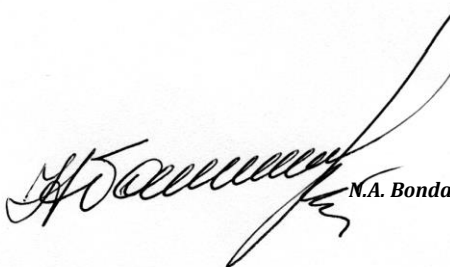
Nozhkina Alla Viktorovna - +7 495 722-27-57 (Moscow)

Chudyk Igor Ivanovich - +380 67 942-05-73(mobile)

Davidenko Aleksandr Nikolaevich - t. +380 562 466346

Poshvaniuk Nelia Feliksovna - t. +380 44 430-07-23

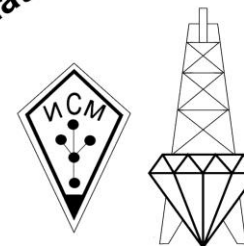
Lutsak Eduard Nikolaevich -t. +380 44 430-35-06



N.A. Bondarenko

**NATIONAL ACADEMY OF SCIENCES OF UKRAINE
STATE SERVICE OF GEOLOGY
AND EARTH BOWELS OF UKRAINE
V. BAKUL INSTITUTE FOR SUPERHARD MATERIALS
IVANO-FRANKIVSK NATIONAL TECHNICAL
UNIVERSITY OF OIL AND GAS
NATIONAL TECHNICAL UNIVERSITY DNIPRO POLYTECHNIC
JOINT-STOCK COMPANY "RESEARCH INSTITUTE OF NATURAL,
SYNTHETIC DIAMONDS AND TOOLS" (Russia)
CENTRAL RESEARCH INSTITUTE OF MATERIAL
SCIENCE (Russia)
ALL-UKRAINIAN PUBLIC ORGANIZATION
"UNION OF DRILLERS OF UKRAINE"
SANATORIUM-HOTEL COMPLEX "DNIPRO-BESKYD"**

XXII International Conference «ALTIS»



**ALTIS
TRUSKAVETS 2019**

**XXII
International Conference
«ROCK-DESTRUCTION AND METALWORKING-
PIECE TOOLS - TECHNOLOGY, TECHNOLOGY-
LOGIS OF ITS MANUFACTURING AND APPLICA-
TIONS»**

September 15-20 2019

Kyiv- 2019

Dear _____

It is our pleasure to invite you and experts from your organization to participate in *the Twenty-second International Conference "ROCK-DESTRUCTION AND METAL-PROCESSING TOOLS – ENGINEERING, PRODUCTION TECHNOLOGY AND ITS APPLICATIONS"* which will take place during September 15–20, 2019 in the Truskavets sanatorium-hotel complex "Dnipro-Beskyd".

CONFERENCE TOPICS

- Drilling rock-destruction and stone-working tools: designing, production, and application.
- Innovative new materials for drilling and stone-working tools.
- Technology for drilling wells and well control methods.
- Technology of machining of construction materials.
- Tools for cutter-loaders and tunneling machines.
- High pressure technique and modern problems of material science in manufacturing engineering.
- Synthesis, sintering and properties of hard materials.
- Nanotechnology, nanomaterials and nanostructured systems.
- Modern problems of development of functional nanomaterials in the form of coatings and films.
- Technique and technology of hardmetals production.
- Hardmetal tools for machining of metals and alloys.
- Technology and equipment for deposition of functional, wear-resistant coatings.
- Modern ceramic materials for tool industry, properties, effective application fields.
- Technology and equipment for regeneration of hard alloys
- Approbation of scientific results of dissertational works on the conference topics.

The conference will be organized in three sections:

1. **Rock-destruction tool made from superhard materials and technology of its application.**
2. **Tool, structural and functional materials based on diamond and cubic boron nitride.**
3. **Development and application in different industrial branches of machinery and tools equipped with hard alloys.**

Conference work will comprise the research reports and short oral communications in sections and poster presentations.

The organizing committee reserves the right to make its own decisions aimed at classification of submitted materials into research reports, short oral communications or poster presentations.

Scientists, leading experts, scientific and technical officers of enterprises and organizations are invited.

A 5–10-page manuscript prepared in accordance with the applied instruction should be submitted no later than 10 June, 2019 to the ISM NASU mailing address or to the following e-mail addresses: altis-ism@ukr.net (**PLEASE MAKE SURE IN RECEIPT OF YOUR MANUSCRIPT BY THE ORGANIZING COMMITTEE**).

The present invitation is final. The additional information under the conference program will be submitted to participants on their arrival in the Truskavets sanatorium-hotel complex "Dnipro-Beskyd".

PROGRAM COMMITTEE

V. Turkevich, Academician of NASU (Ukraine)	– chairman
G. Pivnyak, Academician of NASU (Ukraine)	– deputy chairman
A. Nozhkina, Dr. Sci. (Russia)	– deputy chairman
E. Kryzhanovsky, Academician of NASU (Ukraine)	– deputy chairman
I. Martynenko, PhD (Ukraine)	– deputy chairman
V. Bondarenko, Cor. Member of NASU (Ukraine); A. Shulzhenko, Cor. Member of NASU (Ukraine); A. Maystrenko, Cor. Member of NASU (Ukraine); S. Ivakhnenko, Cor. Member of NASU (Ukraine); G. Efendiev, Cor. Member of AN of Azerbaijan; A. Vdovichenko, Academician of ATSU (Ukraine); V. Spirin, Dr. Sci. (Russia); V. Dolmatov, Dr. Sci. (Russia); L. Jaworska, Ph.D. (Poland); A. Kuzey, Dr. Sci. (Belarus); Chegbiao Wang, prof. (China); I. Dzhanzakov, Dr. Sci. (Kazakhstan); B. Ratov, Dr. Sci. (Kazakhstan); N. Bondarenko, Dr. Sci. (Ukraine); A. Davydenko, Dr. Sci. (Ukraine); A. Karakozov, PhD (Ukraine).	

FINANCIAL CONDITIONS OF PARTICIPATION IN THE CONFERENCE

Organizations and persons wishing to take part in the conference (with or without the reports) should send to N. Bondarenko, the chairman of the organizing committee, the applications containing family names and first names of participants by **June 10, 2019**, and should remit the registration fee on the account specified below by **July 21, 2019** and inform the chairman by another application about names of participants for which the registration payment is effected, date and number of remittance order via fax (044) 467-56-25 or e-mail: bond@ism.kiev.ua.

REGISTRATION FEE

500,00 US dollars (USD) – for the foreign participants.
440,00 US dollars or equivalent in Russian rubles according to the National Bank of Ukraine exchange rate – for the participants from CIS countries.
4900,00 Hryvnas, including 20% VAT - for the participants from Ukraine;
3000 Hryvnas, including 20% VAT - for magisters aspirants and students.

Please send payments (registration fees) by bank transfer to the following accounts:

Account in USD for transfer of American dollars:

Beneficiary: Institute for Superhard Materials (ISM)

2, Avtozavodskaya St., Kiev, 04074, Ukraine,

Account № 380805 26002386173

Bank of Beneficiary: Kyiv Regional Directorate of Public Joint Stock Company Raiffeisen Bank Aval, Kiev, Ukraine (9, Leskov st., Kyiv, Ukraine)

SWIFT: AVALUAUKCKB

Service in Obolon district office (2/12, Mate Zalka st., Kyiv, Ukraine)

Correspondent Bank: THE BANK OF NEW-YORK, NEW-YORK, USA, SWIFT: IRVT
US 3N, Cor. Ac. № 890-0260-688

Details of Payment: Participation in the conference "Rock-destruction tool".

Account in EURO for transfer of Euro:

Beneficiary: Institute for Superhard Materials (ISM)

2, Avtozavodskaya St., Kiev, 04074, Ukraine,

Account № 380805 26005705853426

Bank of Beneficiary: Kyiv Regional Directorate of Public Joint Stock Company Raiffeisen Bank Aval, Kiev, Ukraine (9, Leskov st., Kyiv, Ukraine)

SWIFT: AVALUAUK

Service in Obolon district office (2/12, Mate Zalka st., Kyiv, Ukraine)

Correspondent Bank: Deutsche Bank AG, Frankfurt am Main, Germany, SWIFT: DEUTDE33, Cor. Ac. № 9470329 10

Details of Payment: Participation in the conference "Rock-destruction tool".

Account for transfer in rubles:

Beneficiary: Institute for Superhard Materials (ISM)

2, Avtozavodskaya St., Kiev, 04074, Ukraine,

Account № 380805 26003386172.

Bank of Beneficiary: Kyiv Regional Directorate of Public Joint Stock Company Raiffeisen Bank Aval, Kiev, Ukraine (9 Leskova str. Kyiv, Ukraine)

SWIFT: AVALUAUKCKB

Account of KRD PJSC "Raiffeisen Bank Aval" № 30111810800000100014 in CJSC "Raiffeisenbank", Moscow, account № 30101810200000000700, BIC 044525700, INN 7744000302, KPP 775001001.

Details of Payment: Participation in the conference "Rock-destruction tool".

Account for transfer in hryvnas:

Beneficiary: Institute for Superhard Materials (ISM)

2, Avtozavodskaya St., Kiev, 04074, Ukraine

EDRPOU code 05417377

Account № 31255293105279 in the Obolon regional Office of the State Treasury of Ukraine in Kyiv, MFO 820019, TIN 054173726549, St. VAT 100203406

Details of Payment: Participation in the conference "Rock-destruction tool".

Payment by cash in US dollars, Euro or Russian rubles (for participants from Ukraine in grivnas) at registration desk is admissible.

The conference registration fee includes the following expenses:

1. The publication of the Proceedings of the Conference.
2. Hotel accommodation and three meals a day served in the "Dnipro-Beskyd".
3. Rent of the conference hall, office equipment and other organizational actions.

Arrival of participants of the conference with the family members or accompanying persons is allowed provided the payment of 80 % of the registration fee will be made for each person.

CONFERENCE WORKING LANGUAGES

Ukrainian, Russian, English. Proceedings of the conference will be published by the opening of Conference.

REQUIREMENTS FOR MANUSCRIPT PREPARATION

The Conference Proceedings is included into the list of the High Certification Commission of Ukraine as a professional edition where the dissertation-related work results can be published as it is included in the HEC list (attachment 7 to the order of Ministry of Education and Sciences of Ukraine # 1714 of December 28 2017).

The contents of reports should correlate with the conference topics.

The manuscripts should briefly reflect authors' original researches and developments, show their main advantages as compared with analogues, and describe their features and practical importance. Results of work should not be represented as theses.

The languages for manuscripts are Ukrainian, Russian, and English.

Some revisions can be made without notifications to the authors. Manuscripts and flash drives are not usually returned to the authors. The editorial board makes the final decision on whether to publish a manuscript.

The manuscript (5–10 pages in length) should be prepared and formatted in accordance with the enclosed Guide for Authors and sample (<http://www.ism.kiev.ua>)

THE SUBMISSIONS NOT MEETING THE FORMATTING REQUIREMENTS WILL NOT BE ACCEPTED.

APPLICATION FORM
for participation in the conference

“ROCK-DESTRUCTION AND METAL-PROCESSING TOOLS – ENGINEERING, PRODUCTION TECHNOLOGY AND ITS APPLICATIONS”.

Organization name _____

Post organization address _____
(post code is obligatory)

Tel _____ Fax _____ E-mail _____

We (I) agree to participate in the conference:

1. _____
family name, first name, title, position
2. _____
family name, first name, title, position
3. _____
family name, first name, title, position
4. _____
family name, first name, title, position

_____ US dollars
have been remitted to your account (bank commissions is not included);

remittance order No. _____ dated _____ 2018.

The payment of the conference registration fee will be effected by cash at the registration desk upon the arrival (*if yes, then please underline*).

Report information:
working language of the report
an interpreter is required (yes, no).

Stam-
,

Director _____
name, initials signature

Accountant _____
name, initials signature

« _____ » _____ 2019

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