



## MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

Berdyansk State Pedagogical University  
The Faculty of Physical, Mathematical, Computer and Technological Education  
Department of Physics and Methods of Teaching Physics  
city of Berdyansk, Ukraine

Higher School of Economics  
and Public Administration  
Management,  
city of Bratislava, Slovakia

Higher School of  
Management and  
Administration  
Opole, Poland

Higher Technical School  
city of Katowice, Poland



# SCIENCE. INNOVATION. QUALITY.

1st International Scientific-Practical Conference

## INFORMATION SHEET

December 17 - 18th, 2020



city of Berdyansk, Schmidt Str. 4,  
Berdyansk State  
Pedagogical University

Scientists, teachers, professors, students, specialists in innovative technologies for the development of various fields, specialists in the quality of any processes and products are invited to participate in the conference.

Conference participants will have the opportunity to present the results of their research and experience at the plenary session and in sections, as well as take part in scientific discussions.

## Thematic areas and sections of the conference

The conference topics cover the following topics, but are not limited to them:

### 1 | 1. General issues of modern science development

Current world trends in the development of science and information technologies. Science in times of change. Modern challenges of the humanities and social sciences. Strategic priorities for science and education development in the XXI century. The role of science and education in ensuring sustainable development.

### 2 | Natural and technical sciences

Physical processes modeling. Nanomaterials, nanotechnologies, synthesis methods of modern materials. Modern materials science. Current issues of technical sciences and engineering. Power and energy management. Technical personnel training. Mathematical methods in the natural and technical sciences. Chemical technologies in industry. Biology and life sciences. Modern physical phenomenon of the world. Process and production automation systems. Complex systems modeling and optimization. Actual problems of natural science education.

### 3 | Innovation, information and technology transfer

Instruments and mechanisms of modern innovative development. Innovation in modern education and science: theory, methodology, and practice. Innovations in the economy, ecology and energy. Actual problems of personnel management and work safety. Innovative mathematical methods, models and technologies in energy, engineering, ecology and related industries. Research methodology and methods of innovative potential in high-tech and knowledge-intensive industries. Robots, robotics, and artificial intelligence. New information security technologies. Intellectual property and technology transfer.

### 4 | Quality

Quality and safety management of products and manufactured objects. Ensuring and controlling the quality of innovative products and technologies. Current condition of the technical regulation system of Ukraine. Education quality, education quality monitoring. Mechanisms for quality management and improving the competitiveness of enterprises. Current issues in the field of entrepreneurship, trade and exchange activities. Metrological assurance of quality processes and products. Measurement and testing in industry. Quality of life. Ensuring the quality of professional training of future specialists.

# SCIENCE. INNOVATION. QUALITY.

1st International Scientific-Practical Conference

## CONFERENCE PARTICIPATION

To participate in the conference it is necessary to submit for the organizing committee the electronic versions of such documents:

1	Application for participation (sample attached, application issued for all talk abstract authors);
2	Text of talk abstracts (according to the attached requirements, the volume of talk abstracts is up to two pages in A4 format).
3	Receipt scan (payment order) for payment of the registration fee.

**Materials publication.** The conference materials will be published in the electronic collection of talk abstracts on the University's website (see the requirements for talk abstracts below). All conference participants will receive electronic copies of the conference program, a collection of materials, and a participation certificate.

**Multi-authored monograph.** All participants of the conference have the opportunity to publish according to the results of the conference in a multi-authored monograph with the working title "Innovative approaches to ensuring the quality of scientific research and technological processes". Volume - at least 7 pages of A4 text format. The estimated deadline for submitting articles to the monograph - December 1st, 2020. The monograph will be published by February 25th, 2021.

**The cost of participation in the multi-authored monograph – 600 UAHH.** Authors of a monograph will receive an electronic copy of the published monograph.

## REQUIREMENTS FOR TALK ABSTRACTS DESIGN

**Typeface:** Times New Roman, size - 12, line spacing – 1, margins on all sides of the page – 20 mm.

### Structure:

1st line - title of the article (in capitals, bold). Alignment - center justification.  
2nd line - an empty line.  
3rd line - full name of the author / co-authors (italics). Alignment - center justification.  
4th line - place of employment (italics). Alignment - center justification.  
5th line - city and country (italics). Alignment - center justification.  
6th line - e-mail of the author / co-authors (italics). Alignment - center justification.  
7th line - an empty line.  
8th line - annotation (up to 6 lines), keywords (3-6 words) – in English and in the language of the article.  
One line after – the text of the article (indent – 1 cm). Alignment – full justification.  
Bibliography.

The bibliographic entry of the list of sources used can be drawn up according to the national standard of Ukraine DSTU 8302:2015 "Information and documentation. References. General provisions and rules of composition".

Authors are responsible for compliance with the requirements of the current legislation on the publication of materials in open print.

**Deadline for submitting materials:**

**November 26-27th**

**Conference working languages:**

English, Ukrainian, Polish

**Format of the meeting:**

virtual (remote).

**All materials are sent to email address**

**siqbspu@gmail.com**

**Contacts for more information:**

Tel.: +38 (066) 593-98-83,

e-mail: siqbspu@gmail.com

**Registration fee.**

**200 UAH – For Ukraine:**

**100 UAH – for students and postgraduates**

For participants from other countries: free tuition. The fee covers expenses related to the formatting, publication of the conference program and collection, and preparation of conference participant certificates.

**Banking details:**

**a/c**

**UA798201720313261001201010702**

**in State Treasury Service of Ukraine of Kyiv city**

**MFO 820172**

**Beneficiary: BSPU**

**Bank code O2125220**

**Purpose (required):**

**SIQ Conference participation**

**For more information, use this QR code, or follow the link below:**



[bdpu.org/faculties/fmktto/structure-fmktto/kaf-fiz/konferentsiia/](http://bdpu.org/faculties/fmktto/structure-fmktto/kaf-fiz/konferentsiia/)

