

Ministry of Education and Science of Ukraine
 Flight Academy of National Aviation University (Kropyvnytskyi, Ukraine)
 National Aviation University (Kyiv, Ukraine)
 Center for Ukrainian and European Scientific cooperation
 Institute of education content modernization (Kyiv, Ukraine)
 Institute of Pedagogy National Academy of Pedagogical Sciences of Ukraine (Kyiv, Ukraine)
 Institute of Information Technologies and Learning Tools of the National Academy of Pedagogical Sciences of Ukraine (Kyiv, Ukraine)
 Institute of the Gifted Child of the National Academy of Educational Sciences of Ukraine (Kyiv, Ukraine)
 Junior Academy of Sciences of Ukraine (Kyiv, Ukraine)
 Sukhomlinsky State Scientific and Pedagogical Library of Ukraine, National Academy of Pedagogical Sciences of Ukraine (Kyiv, Ukraine)
 Volodymyr Vynnychenko Central Ukrainian State Pedagogical University (Kropivnitskiy, Ukraine)
 Educational Association «Specialized Secondary School «Harmony»-Gymnasium named T. Shevchenko-Center for Extracurricular Education «Contact»
 Ivan Franko National University of Lviv (Lviv, Ukraine)
 Vinnytsia National Technical University (Vinnytsia, Ukraine)
 Kaminets-Podilskyi Ivan Ohiienko National University (Kaminets-Podilskyi, Ukraine)
 Cuiavian University in Wloclawek, (Республіка Польща)
 School of Education, Tel Aviv University (Ramat Aviv, Israel)
 Technical University (Sofia, Bulgaria)
 Trakia University (Stara Zagora, Bulgaria)
 Mozyr State Pedagogical University named after I. P. Shamyakin (Mozyr, Belarus)
 Belarusian State Aviation Academy (Minsk, Belarus)
 Kh. Dosmukhamedov Atyrau State University (Atyrau, Kazakhstan)
 Institute of Pedagogical Sciences (Kishinev, Republic of Moldova)
 University of Nordland (Bude, Norway)
 Company SafeusDrone (Republic of Korea)



PRESS - RELEASE

DEAR COLLEAGUES!

We invite you to take part in the work of the **IVth International Scientific and Practical Conference «ACTUAL ASPECTS OF STEM-EDUCATION DEVELOPMENT IN TEACHING NATURAL AND SCIENTIFIC DISCIPLINES»**, which will be held on **May 12-13, 2021**, at the Flight Academy of the National Aviation University (**1-st Training Building, Room 317, at 10:00**). Discussion of the directions of the conference will take place in both: off-line and on-line modes.

The mission of the conference is to discuss the actual issues of using STEM-technologies in teaching natural-scientific disciplines in higher educational establishments and general educational institutions of different types.

Audience: scientists, teachers, postgraduate students, persons working for doctor's degree, managers, students and all educationalists who promote the dissemination of STEM education.

MAIN DIRECTIONS OF THE CONFERENCE

SCIENTIFIC PANEL 1:

WORLD EXPERIENCE AND PROSPECTS OF TEACHING NATURAL SCIENCES IN THE CONTEXT OF STEM EDUCATION

SCIENTIFIC PANEL 2:

INNOVATIVE TECHNOLOGIES OF LEARNING OF NATURAL DISCIPLINES IN GENERAL SECONDARY EDUCATION INSTITUTIONS

SCIENTIFIC PANEL 3:

THEORETICAL-METHODOLOGICAL ASPECTS OF FORMATION OF STEM-COMPETENCE IN THE PROCESS OF STUDENTS AND STUDENT'S EDUCATION

SCIENTIFIC PANEL 4:

USE OF EDUCATION PLATFORM FOR ORGANIZATION OF INTERNATIONAL STEM-RESEARCH PROJECT

SCIENTIFIC PANEL 5:

PHYSICAL-MATHEMATICAL AND ENGINEERING-TECHNICAL DISCIPLINES AS THE FUNDAMENTAL COMPONENT OF STEM-EDUCATION DEVELOPMENT IN HIGHER EDUCATION INSTITUTIONS

SCIENTIFIC PANEL 6:

APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES AND PROGRAM AND PEDAGOGICAL SUPPORT IN STUDY OF SCIENTIFIC SCIENCES ON STEM-NAMES

Calendar of the conference:

- Receiving articles and payment by 30.04.2021
- Working days of the conference: 12.05 - 13.05.2021

Working languages of the conference: Ukrainian, Russian, English and Polish.

Terms of participation in the conference:

Scientists, lecturers of higher educational establishments, teachers of general educational and vocational training institutions, experts, persons working for doctor's degree, postgraduate students and students are invited to participate in the conference.

Those wishing to participate in the conference must send to the e-mail kuzimenko12@gmail.com by **April 30, 2021** the following materials:

- **The application (sample attached)**, in the file with the name «surname_application»;
- **Reports of theses up to 3 pages** (*the name of the file «surname_theses»*);
- **Text of the article 10-12 pages** (*the name of the file «surname_article»*);
- Remittance for publishing services of **theses**;
- **Copy** (photo or scan copy) of payment order or remittance with appointed author's last name (**obligatory**) in the file with the name «surname_payment».

After receiving the listed documents, invitation to participate in the conference will be sent to your e-mail.

Participants will receive **certificate** for participation in the conference.

Reports of theses will be posted on the web-site at: <http://www.glau.kr.ua> and published in the collection of conference works.

Edition of **theses'** collection will be determined from the calculation of «one thesis - one copy». Co-authors may have additional copies for extra payment if ordered in the application for participation in the conference.

Delivery of materials of the conference will be made to branch of «Nova Poshta» (which is indicated in the application of participant form) and at the expense of the recipient.

The cost of one full or incomplete publishing page of the article and thesis is 35 UAH.

The publication of the article can be paid at any branch of CB «Privatbank» in Ukraine via self-service terminal or cash desk, or via Internet by means of Privat 24 on the account:

CB PJSC «Privatbank»

Replenishment of the card account

No. 5168 7574 0305 7690

Kuzmenko Olha Stepanivna

Appointment of the payment: for the participation in the conference **the first name, surname, patronymic name (obligatory specify the author's last name).**

Contact phone: +38 097-722-05-88

Responsible: Kuzmenko Olha Stepanivna – Doctoral of Pedagogical Science, associate professor, Professor of the Department of Physics and Mathematics Sciences of Flight Academy of the National Aviation University.

REQUIREMENTS FOR THESIS PROCESSING

1. Set up in Word 2003, 2007, 2010; saving in format .doc in Ukrainian, Russian, English or Polish;
2. Font type – Times New Roman; point type – 14; line spacing – 1,5;
3. A4 format; margins: to the left – 30 mm; to the right – 20 mm; bottom and top – 25 mm;
4. Types of highlighting – bold, italic, bold Italic;
5. Copies of charts, diagrams, figures (electronic version is obligatory) must be posted in separate files;
6. Images are to be performed in Microsoft Word. Scanned images must be at least 300 dpi resolutions;
7. Theses in volume up to 3 pages are processed according to the model.

Sample of thesis processing

Flight Academy of the National Aviation University

Kuzmenko Olha

**CORRELATION OF SYMMETRY AND ASYMMETRY IN STUDY OF PHYSICS IN THE
CONTEXT OF STEM-EDUCATION**

The text of the thesis ...

REFERENCES

*is completed with taking into account the National Standard of Ukraine DSTU 8302: 2015
«Information and documentation. Bibliographic link. General terms and conditions of composition»*

Application of participant of scientific and practical conference**«ACTUAL ASPECTS OF STEM-EDUCATION DEVELOPMENT IN TEACHING NATURAL
AND SCIENTIFIC DISCIPLINES»**

| | |
|---|---|
| Surname, First Name, Patronymic Name | |
| Scientific degree | |
| Academic status | |
| Scientific supervisor (for authors without a degree) | |
| Organization, higher educational establishment | |
| Position | |
| Theme of the report | |
| Scientific Panel № | |
| Form of participation in the conference | full-time, part-time, «online» performance (delete unnecessary) |
| <input type="checkbox"/> Home / business address | |
| <input type="checkbox"/> No. of «Nova Poshta» branch, the city (where the collection will be sent) | |
| Cellphone | |
| E-mail | |
| Number of required copies | (the cost of the publication includes only one copyright issue, additional copies are paid additionally) |