DEAR COLLEAGUES!

We invite you to take part in the 13th Scientific Conference entitled "New technologies - for air space protection". It will be held on 12-13 April 2017 at the Ivan Kozhedub Kharkiv National Air Force

The aim of the conference is the exchange of scientific information on the development, application and support of the Air Force of Ukraine, its control system improvement, development and combat application of weapons and military hardware to protect state air space.

Conference Sections will be held as follows:

1. Military-related issues, control of troops (forces) in current wars and conflicts and in the performance of anti-terrorist operation (ATO) tasks.
2. Scientific support for the creation of single automated control systems and automated control system of aircraft and air defense of the Armed Forces of Ukraine.
3. Preparation, combat use of aircraft elements (units) and flying operation of aircrafts.
4. Creation, maintenance and repair of aircraft equipment based on ATO experience.
5. Complexes and on-board equipment systems of military aircrafts and aircraft weapons.
6. Tactics of anti-aircraft missile troops, development, maintenance, repair and combat use of weapons and military hardware of anti-aircraft missile troops based on ATO experience.
7. Tactics of radio engineering troops, development and combat use of electronic equipment of radio engineering troops. Features of radar reconnaissance in the ATO area.
8. Development and features of radio engineering tools for the support and communication of the Air Force of Ukraine in the ATO area.
9. Information technologies for the control of military organizational and technical systems, ergonomics and decision-making principles of Automated Control System (ACS) operators.
10. Development of weapons, information support and methods for using air defense troops of the Ukrainian Army. Destruction of unmanned aircraft systems during the ATO.
11. Development of logistics and technical support of the Air Force of Ukraine based on ATO experience.
12. Topical issues of development and combat use of highly accurate destruction weapons based on ATO experience.
13. Development and use of reconnaissance and special operations forces. Improvement in the efficiency of ATO information support.
14. Operational (combat) support of the Air Force of Ukraine and weapons based on new physical principles.
15. Modern ways of radio electronics development. Advanced technologies for detecting small aircrafts.
16. Principles of processing and use of information space systems, tools of distant radar sensing and geographic information support of the Armed Forces of Ukraine during the completion of ATO tasks.
17. Electrotechnical systems of weapons and military hardware.
18. Metrological support of weapons and military hardware.
19. Social and humanitarian issues of national security, reform and development of the Armed Forces of Ukraine.
20. Social and legal protection, psychological and physical training of servicemen under ATO conditions.
21. Foreign language teaching for military specialists.

Conference languages:
Ukrainian, English, Russian.

To participate in the the conference one should submit to the Organizing Committee:

• an application form for participation in the conference;

• abstracts of the report;

• expert's conclusion regarding the possibility of publishing the abstracts of the report;

• electronic file of report (CD or e-mail).

The digest of abstracts of reports and the conference program will be given to participants during registration.

The best reports completed in the form of research articles can be published (for an extra fee), depending on the field of science, in the following scientific journals: "Science and Technology of the Air Force of Ukraine" and "Systems of Arms and Military Equipment" and "Kharkiv National Air Force University Digest of Scientific Works" and in the digest of scientific works "Information Processing Systems" that are included in the list of professional scientific periodicals of Ukraine and international scientometric databases.

Requirements for publications in scientific journals are available posted on the University website: http: *www.hups.mil.gov.ua*

NOTICE! Applications, abstracts of reports (printed and electronic) and expert's conclusions must be submitted to the Organizing Committee by March 15. Materials submitted late will not be accepted.

Contact address:
Ukraine, Kharkiv-23, 61023
Sumska street, 77/79, Ivan Kozhedub National Air Force University, Head of Organizing Committee of Conference.

Contact person: Fedorov Andrii, tel + 380991342979. *E-mail*: *vmvshups@ukr.net*

Information about the conference is posted on the website: http: *www.hups.mil.gov*

Financial terms and conditions**:** travel and accommodation costs are to be covered by participants.

Registration for the conference will be held on April 12, 2017 from 8.00 to 9.00 a. m. at the following address: Kharkiv, Sumska street, 77/79, the main educational building of University.

How to get to the University:
From the railway station and bus station: take the underground to the station "Universitet", then take trolley-bus No 2 to the stop "Oles Gonchar street".

SUBMISSION GUIDELINES

The volume of abstracts is 1 full page of A5 size paper (Microsoft Word, font Times New Roman, size 11, line spacing - 1,1 with word hyphenation). Margins: left - 2.0 cm, right - 2,0 cm, top - 2,5 cm, tail - 1.5 cm.

In the second line of the page there must be – a report title (capital letters, in the middle of the line); in the line after the title - initials, surname, academic degree, scientific degree for each author in a separate line (in the middle of the line, italic type), then in a separate line (s) - full name of the organization (s), then - empty line and the text of the abstracts.

EXAMPLE

WEB-SERVICE APPLICATION AS INTERFACE TO COMPUTING RESOURCE
Hrytsenko A., PhD, Assistant Professor;
Kotenko E.
National Aerospace University – Kharkiv Aviation Institute
Cherkasy State Technological University

A variety of existing network architectures and protocols of interaction in computer networks gives developers a huge space to choose project design depending on the problems to be solved, and existing restrictions. However, the choice is often made on the principle of completed (previously used) solutions without any appraisal and analysis of alternatives.

The report presents the results of system development with using of object-oriented design concepts. Applied result is a programs kit designed on base of ASP.NE technology in Microsoft Visual Studio 2010 environment. Software implementation of server and client parts allows to show the possibility to use proposed approach to simple computing tasks, and identify ways and formulate tasks for further researches.

Abstracts falling short of these requirements or submitted late will not be published.

APPLICATION

TO PARTICIPATE IN THE 13TH SCIENTIFIC CONFERENCE AT THE IVAN KOZHEDUB KHARKIV NATIONAL AIR FORCE UNIVERSITY

Surname_____

Name_____

Organization_____

Position_____

Scientific degree _____

Academic status _____

Postal code _____

City _____

Street_____

House _____ apartment _____

Tel./fax _____

E-mail _____

Report title _____
_____
_____
_____

Would you like to speak:

at the conference,

proposed section № ☐

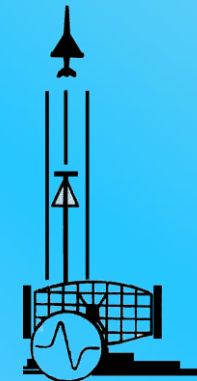*to take part without report* ☐

Required number of reports

digests ☐

"NEW TECHNOLOGIES - FOR AIR SPACE PROTECTION"

13TH SCIENTIFIC CONFERENCE AT THE IVAN KOZHEDUB KHARKIV NATIONAL AIR FORCE UNIVERSITY

12 –13 April
Kharkiv 2017