

## Registration fee

### **The language of proceedings is English.**

The official languages of the Congress are English, Ukrainian and Russian.

Participation is **FREE**.

## Deadline for manuscripts

Deadline for Manuscripts – August 1, 2016

## Registration

Registration of participants

<http://congress.nau.edu.ua/2016/en/registration/>

## How to get to the university

• **From the railway station:** tramway №1, №3 or route taxi №401 to "National Aviation University" station.

• **From "Borispol" airport:** airport bus to the railway station, tramway №1, №3 to "National Aviation University" station.

• **From Metro "Politekhnichnyi Instytut":** route taxi №442 to "National Aviation University" station.

## Contacts

### **The address of the organizing committee**

National Aviation University,  
1, Kosmonavta Komarova ave., building №1,  
room 238,  
03058, Ukraine, Kyiv  
Tel: +380 (44) 406-71-56  
Fax: +380 (44) 406-79-21  
e-mail: [congress@nau.edu.ua](mailto:congress@nau.edu.ua)  
<http://congress.nau.edu.ua>

## Memorandum for participants

### **The language of proceedings is English.**

Proceeding will be published on the website:  
<http://congress.nau.edu.ua>.

Materials submitted for publication should meet the requirements listed below:

– the volume of the article should not exceed 3-5 full pages. Paper size is **A5 (148 x210 mm)**. Margins – 20 mm around;  
– an article has to be typed in text editor Microsoft Word, font – Times New Roman – 9, single line space interval between lines.

**UDC** – left-aligned, space at the bottom 9 pt.

**Information about authors** – initials, surname, degree in science, in brackets – company, state. Text must be font 9, italic, right-aligned.

**Title of the article** – font 9, bold, left-aligned, space from above and below – 9 pt, without hyphenation.

**Abstract (up to 50 words):** font 8, italic, the text must be justified without the first line indent, space from left and right – 5mm, space from below – 9 pt, the text should not be longer than 5 lines.

**The text of the article:** font 9, first line indent of the paragraph is 10 mm, the text must be justified; captions to figures, font 9, numbering of the tables – font 9, italic, right-alignment; titles of the tables – font 9, the text must be centered; formulas – is recommended to use build-in Word for Windows Equation Editor.

**Conclusion:** title – font 9, bold, separate section (space from above – 9 pt, from below – 6pt, centered) or inside the text, text – font 9.

**References:** title (references) – font 9, bold, centered, space from above – 9 pt, from below – 6 pt; text must be typed as numbered list, space from the first line of the paragraph – 5mm, the text must be justified. References should include: author's surname and initials, title of references, volume etc. – font 9.

Materials should be sent to the e-mail: [congress@nau.edu.ua](mailto:congress@nau.edu.ua)

*Reports will be not edited. Authors are responsible for the content of the report.*

MINISTRY OF EDUCATION AND SCIENCE  
OF UKRAINE

NATIONAL ACADEMY OF SCIENCES OF  
UKRAINE

ANTONOV ASTC

NATIONAL AVIATION UNIVERSITY



# The Seventh World Congress "AVIATION IN THE XXI-st CENTURY" –

"Safety in Aviation and Space  
Technology"

September 19-21, 2016  
Kyiv

Information for participants



Acting Rector of NAU  
V. Kharchenko

## Dear Colleagues!

You are welcome to take part in the Seventh World Congress "AVIATION IN THE XXI-st CENTURY" - "Safety in Aviation and Space Technologies", which will be hosted by the National Aviation University, Kyiv, Ukraine on **September 19-21, 2016**.

### The objectives of the Congress

The Congress is aimed at gathering aviation research and industry experts to share ideas on global trends in aviation safety and space technologies as well as to discuss research results and best practices in the area.

### Deadline for manuscripts

Deadline for manuscripts – **August 1, 2016**

### Registration

Registration of participants at the congress website  
<http://congress.nau.edu.ua>

### Symposia

#### 1. Modern space and aviation technologies

- Automation and energy saving on aviation transport.
- Modern technologies of aircrafts airworthiness support
- Aircraft fatigue and fracture.
- Modern tribotechnologies in aircraft and general purpose mechanical engineering.
- Engines and Power Installations
- Methods and facilities of technical and medical diagnostics
- Automated process control systems
- Information technology and systems in the aviation industry
- Intelligent robotic systems and measuring systems
- Cybersecurity of civil aviation
- Information security in aviation
- Computer systems
- Advanced information technologies in aviation
- Mathematical modeling and numerical methods

#### 2. Unmanned Aircraft Systems

- Strategic Research&Development
- Production and Operation
- Integration and Regulatory Approaches
- Personnel training

#### 3. Air Navigation and ATM Systems

- Prospects for the development of aviation telecommunication systems
- Aviation English for flight safety
- Control of Complex Systems
- Avionics
- Human Factors: engineering and technical, psychological and medical-biological aspects
- Air Navigation and ATM Systems

#### 4. IEEE International Radar Methods and Systems Workshop (RMSW-2016)

September 27-28, 2016

#### 5. Environmental protection

- Biotechnology in aviation
- Landmanagement, cadastre and landmonitoring
- Remote aerospace researches
- Environmental protection
- Chemical technology and engineering
- **Aviation Congress School of young scientists**
- **"Environmental protection from civil aviation impact"**

#### 6. Aviation chemmology

- Aviation alternative fuels
- Aviation chemmology and fuel delivery
- Quality of aviation fuel and safety of flights
- De-icing and anti-icing airport systems
- Additives for aviation
- Fuels and lubricants, nanotribotechnologies

#### 7. Communication factor in modern international relations

- Information and legal foundations of international relations
- The transformation of journalism in the context of technologizing the world and the processes of globalization
- Round Table "Providing Competitiveness in Aerospace Field of Ukraine on the World Market"

#### 8. Economy and management in aviation

- Management of business in the area of aviation transport;
- Organization and technologies of aviation operations and flights;
- Logistic engineering of transport services;
- Economic safety in aviation;
- Aviation and globalization in economy.

#### 9. Human Factor in Aviation

- Social, political, moral and psychological components of aviation safety.
- Psychology of aircraft safe operation and modern ergatic systems.
- Human factor management: current situation and prospects.
- Language modeling of aviation information systems.
- Anthropological and historical-cultural dimensions of aviation safety

#### 10. Problems of development of the modern airport

- Urban, industrial, civil and transport construction
- Design of architectural environment
- Industrial art and design

#### 11. Air and space law: international and national issues of security

#### 12. Innovative technology of professional training on the basis of higher education

#### 13. ICAO safety strategies

### Contacts

#### The address of the organizing committee

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