

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL ACADEMY OF SCIENCES OF UKRAINE
NATIONAL AVIATION UNIVERSITY



The Ninth World Congress
"AVIATION IN THE XXI-st CENTURY"—
"Safety in Aviation and Space Technology"

September 22-24, 2020

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
<http://congress.nau.edu.ua>

Dear Colleagues!

You are welcome to take part in the Ninth 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 22-24, 2020**.

The language of proceedings is English.

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

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.

Important dates

September 10, 2020	Deadline for Manuscripts
--------------------	--------------------------

Program

22.09.2020	
9.00-10.00	Registration of participants
10.00-12.00	Plenary session
13.00-18.00	City tour, lunch
23.09.2020	
9.00-13.00	Symposia sessions
13.00-14.00	Lunch
14.00-18.00	Symposia sessions
24.09.2020	
9.00-13.00	Symposia sessions
13.00-14.00	Lunch
14.00-17.00	Symposia sessions

Symposia

Modern Space and Aviation Technologies

- Automation and energy saving on aviation transport
- Modern technologies of aircrafts airworthiness support
- Aircraft design and strength
- The latest tribotechnology in aviation and general engineering

- Engines and Power Installations
- Intelligent robotic systems and measuring systems

Modern information and communication technologies in aviation

- Intellectual control system
- Computer systems and components
- Software engineering
- Civil aviation cybersecurity
- Mathematical modelling and numerical methods

Air Navigation: Tendencies and Prospects

- Aero navigation
- Unmanned Aerial Complexes
- Control of Complex Systems
- Automated control systems of technological processes and vehicles
- Avionics and control of aircraft
- Electronics and telecommunications

Environmental safety, engineering and technology

- Environmental safety and aviation chemmology
- Biotechnologies and biomedical engineering
- Symposium On Electric Aviation and Autonomous Systems (ISEAS-2020)

Workshop "Perspectives for the Aeronautical Research in Europe"

Economics and Business Administration in Aviation

Communication Factor in Modern International Relations

- International economic cooperation of Ukraine in the aviation and space fields
- The transformation of journalism in the context of technologizing the world and the processes of globalization
- International law in the conditions of modern globalization processes
- Aviation and tourism
- Current Issues in International Relations
- Multimedia Technologies and Systems

Aviation Transport Management and Logistics

Safety Culture in Aviation: threat and risk management

- Social, political, moral and psychological components of aviation safety.
- Psychology of aircraft safe operation and modern ergatic systems.
- Human factor management.
- Language modelling of aviation information systems.
- Anthropological and historical-cultural dimensions of aviation safety.
- Assessment of threats and risks to aviation safety

Spatial organization of air complexes

Air and Space Law: International and National Issues of Security

Management and Administration in the Aviation Industry