

DRAFT

INTERNATIONAL YOUTH FORUM ON UNMANNED VEHICLES

April 22-26, 2024

PROGRAMME



КБ БЕСПИЛОТНЫЕ ВЕРТОЛЕТЫ



Minsk

The Forum is designed to discuss current issues and future prospects of development and applications of unmanned technology for industry; to provide solutions to training professionals in the areas of designing, construction and maintenance of drones.

The Forum agenda will embrace plenary and thematic sessions. Participants can expect demonstration flights, interactive workshops on unmanned technology applications in industry, engaging excursions.

Forum sections

1. Innovative techniques of teaching and training of engineering professionals for design, construction and maintenance of unmanned vehicles.
2. Unmanned vehicles applications: legislation, piloting, photography, accessories, maintenance and servicing.
3. Unmanned vehicles applications in forestry, agriculture and other sectors of economy.
4. Digital and electrooptical technology, data processing and analysis.
5. Polymer composite materials. Promising technology and leading-edge equipment for polymer-based manufacturing.
6. Innovative technology of design and construction of unmanned vehicles.

Target audience: *young researchers, students, academics, industry experts.*

Dates: *April 22-26, 2024*

Place: *Minsk, Belarus*

Forum languages: Russian, Belarusian, English

Participation in the Forum is **FREE OF CHARGE**

Visit https://conf.belstu.by/?page_id=10492 for Forum updates and registration

FORUM AGENDA

April 22, 2024 (Monday)

10 ⁰⁰ – 11 ⁰⁰	Registration Coffee break
11 ⁰⁰ – 13 ⁰⁰	University campus tour Minsk city tour (<i>optional, registration required</i>)
13 ⁰⁰ – 14 ⁰⁰	Lunch
14 ⁰⁰ – 17 ⁰⁰	Plenary session
	1. Welcome speech Petr Parkhomchyk , Deputy Prime Minister, Republic of Belarus
	2. Welcome speech Timur Alibaev , Rector, Kazan National Research Technical University named after A.N. Tupolev- KAI
	3. Welcome speech Ihar Voitau , Rector, Belarusian State Technological University
	4. Welcome speech Standing Committee of the Union State
	5. Welcome speech CIS Executive Committee
	6. Welcome speech Ministry of Education, Republic of Belarus
	7. Welcome speech Voluntary Association for Assistance to Army, Air Force and Navy
	8. Dmitry Sikorskiy , Deputy General Director for Research and Development, PhD (Engineering), PELENG OJSC
	9. Yuriy Yatsyna , Director, Research and Production Centre for Multifunctional UAVs, PhD (Engineering) <i>UAVs and other innovative equipment produced at Research and Production Centre for Multifunctional UAVs</i>
	10. Gleb Bondarik , Founder, Copter.by – Belarusian Unmanned Aviation Federation NGO
	11. Leonid Spatkay , Instructor of Civil Drone Operation, UAV Flight Security Expert

	12. Igor Nosulya , Director, Belgorkhimprom OJSC <i>Best practices and prospects of UAVs applications for large industrial projects</i>
	13. <i>Aviation Inspection under the Aviation Department of the Ministry of Transport and Communications, Republic of Belarus (tbd)</i>
	14. <i>Ministry of Industry, Republic of Belarus (tbd)</i>
	15. <i>Unmanned Helicopters UAVHELI</i>
	16. Evgeniy Rossokha , Head, Department of Production Organization and Real Estate Economics, Belarusian State Technological University <i>UAVs: Evolution and Future Trends in Belarus and around the Globe</i>
	17. Nikolay Gundilovich , Director, Institute for Professional Development and Retraining, Belarusian State Technological University

April 23, 2024 (Tuesday)

9 ⁰⁰ – 12 ³⁰	Sessions:
	Session I. Practical Applications of Unmanned Technology: Legislation, Piloting, Photography, Accessories, Data Processing. Session II. Unmanned Technology Applications for Forestry and Agriculture. Session III. Polymer Composite Materials. Advanced Technology and Leading-Edge Equipment for Polymer-Based Manufacturing. Digital and Electrooptical Technology.
12 ³⁰ – 13 ³⁰	Lunch
13 ³⁰ – 18 ⁰⁰	Visit to PELENG OJSC (<i>registration required</i>)
	Visit to Research and Production Centre for Multifunctional UAVs, National Academy of Sciences (<i>registration required</i>).

April 24, 2024 (Wednesday)

9 ⁰⁰ – 17 ⁰⁰	<ol style="list-style-type: none">1. Visit to Modern Composite Materials LLC (<i>registration required</i>)2. Departure for Negoreloye Forestry Experimental Station (<i>registration required</i>)3 Workshops:<ol style="list-style-type: none">3.1 <i>UAVs: applications and operation.</i> Evgeniy Rossokha, BSTU3.2 <i>Civil applications of drones: forestry.</i> Vyacheslav Zvyagintsev, BSTU3.3 <i>Materials and equipment for 3D technology.</i> Aleksandr Lyubimov, BSTU3.4 <i>UAVs: top drone manufacturers, models, accessories.</i> Hobby-park.by (tbd)3.5 <i>Industrial solutions for UAVs.</i> Copter.by (tbd)4. Demo flights
17 ⁰⁰ – 18 ⁰⁰	Closing remarks

April 25, 2024 (Thursday)

6 ⁰⁰ – 23 ⁰⁰	<p>Visit to Aircraft Repair Plant in Baranovichi (<i>tbd</i>)</p> <p>Brest Hero Fortress Tour (<i>tbd</i>)</p> <p>Belovezhskaya Pushcha National Park Tour (<i>tbd</i>)</p>
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April 26, 2024 (Friday)

Departure of participants





HOW TO APPLY

Until March 25, 2024

1. Submit your conference paper (max. 4 pages) to gundilovich@belstu.by
2. Register online at https://conf.belstu.by/?page_id=10492

Maximum number of papers/reports is two per one author. Maximum three co-authors per one paper/report are allowed.

Submitted papers will be reviewed by the Organizing Committee. Forum proceedings will be published in the BSTU electronic library. Selected papers will be recommended for publication in BSTU Science Journal “Trudy BGTU” <https://journals.belstu.by>.

IMPORTANT DATES

March 25, 2024 – registration and paper submission

April 08, 2024 – approval of papers, circulation of final forum agenda (see www.conf.belstu.by)

April 22–26, 2024 – forum events

ORGANIZING COMMITTEE

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