

OFFICIAL PROGRAM

VII GLOBAL CONFERENCE ON NEAR SPACE INDUSTRIALIZATION

Republic of Belarus, town of Maryina Gorka

DAY FIRST. SEPTEMBER 13, 2024		
1	Transfer (from metro station Avtozavodskaya, Minsk)	8:00
2	Registration of participants. Welcome coffee (small tent)	9:00–9:40
	EcoSpace Alley – traditional tree planting	9:40–10:00
3	Grand opening of the conference	10:00–11:30
	<ul style="list-style-type: none"> Opening speech by Anatoli Unitsky, Chairman of the Organizing Committee 	10:10–10:12
	<ul style="list-style-type: none"> Demonstration of a video about the uSpace program 	10:12–10:20
	<ul style="list-style-type: none"> Welcoming words of the honorable guests of the conference 	10:20–11:00
	<ul style="list-style-type: none"> Plenary video report – EcoSpace Program A. Unitsky 	11:00–11:30
4	Section 1: Geospatial and Geotechnical Sciences, Technologies, Materials and Resources	11:30–12:55
	Report:	11:30–11:45
	<ul style="list-style-type: none"> V. Klyushnikov Global Environmental Problems of Near-Earth Space Industrialization. 	
	Report-interview:	11:45–12:10
	<ul style="list-style-type: none"> A. Unitsky Space Industry Waste Utilization 	
	Report:	12:10–12:25
<ul style="list-style-type: none"> R. Khachaturov Origin of "Relic" Radiation According to the Hyperuniverse Theory 		
Report:	12:25–12:40	
<ul style="list-style-type: none"> V. Looksha Motion Control System of the Linear Rotor Motion of the General Planetary Vehicle 		
Report:	12:40–12:55	
<ul style="list-style-type: none"> F. Karpei Development of the Hybrid Electromagnetic Suspension of the Rotor of the General Planetary Vehicle 		

5	Photo with letters and official photo session of the conference participants	12:55–13:00
6	Lunch break (small tent)	13:00–14:00
7	<p>Stand session and overview of the exhibition exposition</p> <p>I monitor:</p> <ul style="list-style-type: none"> ● D. Bochkaryov Complex Approach to Determination of Reliability Indicators of the General Planetary Vehicle <p>II monitor:</p> <ul style="list-style-type: none"> ● S. Arnaut Prospects of Application of Electrodischarge Technologies in Creation of Closed Ecosystems <p>III monitor:</p> <ul style="list-style-type: none"> ● M. Davydik Modeling of Closed Biosphere Spaces with Subtropical Climate in Tents of Universal Application with Translucent Film Coating <p>IV monitor:</p> <ul style="list-style-type: none"> ● T. Tretiakova Prospects of Using the Additional Oxygen Source in the Internal Combustion Engine 	14:00–15:00
8	<p>Section 1 continued: Geospatial and Geotechnical Sciences, Technologies, Materials and Resources</p> <p>Discussion:</p> <ul style="list-style-type: none"> ● R. Melkonian, A. Shcherbich, I. Dyakov Influence of Aerodynamics on the Overpass Design of the General Planetary Vehicle and Tunnel Transportation System <p>Report:</p> <ul style="list-style-type: none"> ● M. Andreev Functional Hard-Lubricating Coatings for Parts of Mechanisms Operated in Outer Space <p>Report:</p> <ul style="list-style-type: none"> ● V. Ovchinnikov Protection of Microelectronics from Space Factors 	<p>15:00–16:00</p> <p>15:00–15:30</p> <p>15:30–15:45</p> <p>15:45–16:00</p>

9	<p>Section 2: Energy and Informational Geocosmic Sciences, Technologies, Materials and Resources</p> <p>Report:</p> <ul style="list-style-type: none"> ● V. Garanin Application of the General Planetary Vehicle as an Important Element of the Unified Energy System of the Earth <p>Report:</p> <ul style="list-style-type: none"> ● A. Borovik Application of Closed Nuclear Fuel Cycle Technologies for the Functioning of the General Planetary Vehicle <p>Report:</p> <ul style="list-style-type: none"> ● S. Arnaut Electro-Hydro-Impact Installation for Obtaining Water-Coal Fuel <p>Report:</p> <ul style="list-style-type: none"> ● V. Garanin Optimization of Per Capita Energy Consumption by Technogenic Civilization in the Biosphere 	<p>16:00–17:00</p> <p>16:00–16:15</p> <p>16:15–16:30</p> <p>16:30–16:45</p> <p>16:45–17:00</p>
10	Autograph session	17:00–17:30
11	Final dinner of the first day – barbecue (small tent)	17:30–18:30
12	Transfer (to Minsk)	19:00

DAY SECOND. SEPTEMBER 14, 2024		
1	Transfer (from metro station Avtozavodskaya, Minsk)	9:00
2	Welcome coffee (small tent)	10:00–11:00
3	<p>Section 3: Ecological and Biological Aspects of Enclosed Biosphere-Type Ecosystems on Earth and in Space</p> <p>Report:</p> <ul style="list-style-type: none"> • N. Zyl Biotechnological Restoration of Deserts as a Way to Prevent Food and Energy Problems <p>Report:</p> <ul style="list-style-type: none"> • T. Pyatakova Study of Soil Microbiota Activity at High Salt Content <p>Discussion:</p> <ul style="list-style-type: none"> • N. Zheshko, P. Buglak, E. Veremko Ensuring Comfortable and Healthy Living of People in EcoCosmoHouses and Space Ark <p>Report:</p> <ul style="list-style-type: none"> • A. Pavlyuchenko Biotechnological Processing of Household Waste in EcoCosmoHouses <p>Discussion:</p> <ul style="list-style-type: none"> • I. Naletov, V. Zayats, K. Boiko Methods of Regulation of Plant Growth and Development in Closed Ecosystems <p>Report:</p> <ul style="list-style-type: none"> • D. Nesterovich Analysis of Nutritional Value of Modern Food Products <p>Report:</p> <ul style="list-style-type: none"> • S. Nareyko Structural Solutions of String Membrane Tent Within the Framework of ECH-Earth Object 	<p>11:00–13:00</p> <p>11:00–11:15</p> <p>11:15–11:30</p> <p>11:30–11:50</p> <p>11:50–12:05</p> <p>12:05–12:30</p> <p>12:30–12:45</p> <p>12:45–13:00</p>
4	Lunch break (small tent)	13:00–14:00
5	Section 4: Social, Legal, Political, and Financial Aspects of Human Civilization Development on the Earth and in Space	14:00–16:00

	<p>Report-interview:</p> <ul style="list-style-type: none"> • A. Unitsky Extraterrestrial Engineering Civilizations and Space Civilization Panspermia 	14:00–14:30
	<p>Report:</p> <ul style="list-style-type: none"> • O. Zaretskiy Ensuring Public Safety During Construction and Operation of the General Planetary Vehicle 	14:30–14:45
	<p>Report:</p> <ul style="list-style-type: none"> • E. Petrov EcoSpace Program as a Basis and Horizon of Transformation of the Dominant Socio-Economic Model 	14:45–15:00
	<p>Report:</p> <ul style="list-style-type: none"> • I. Koktysh Influence of Space on Man: Psychological Aspects of People's Lifestyle in the New Environment 	15:00–15:15
	<p>Report:</p> <ul style="list-style-type: none"> • A. Poteryaiko Personnel Training for Biosphere Civilization – Sociocultural and Cybernetic Approach 	15:15–15:30
	<p>Report:</p> <ul style="list-style-type: none"> • E. Vlasovets Influence of Missile-Free Near-Space Industrialization on Socio-Economic Development of Equatorial Countries of South America 	15:30–15:45
	<p>Report:</p> <ul style="list-style-type: none"> • V. Leonova Global Problems of Mankind: State and Ways of Their Solution 	15:45–16:00
6	Solemn signing of the agreement	16:00–16:30
7	<p>Conference Closing:</p> <ul style="list-style-type: none"> • Closing remarks by Anatoli Unitsky, Chairman of the Organizing Committee of the VII Global Conference on Near Space Industrialization • Summarizing the results 	16:30–17:30

	<ul style="list-style-type: none"> • Announcement of the Conference Decision • Approval of the EcoSpace Program • Final photo session 	
8	Networking. Tasting from Unitsky Farm Enterprise (small tent)	17:30–18:30
9	Conference final gala dinner (big tent)	18:30–21:00
10	Festive fireworks show	21:00
11	Transfer (to Minsk)	21:30