

First Specialized International Symposium

Space & Global Security of Humanity

NOVEMBER 2-4, 2009

AMATHUS BEACH HOTEL, LIMASSOL, CYPRUS

Symposium supported by the UN-OOSA, the Russian Federal Space Agency and the Ministry of Foreign Affairs of Russia.

Official languages: English and Russian.

This extensive scientific forum has been organized to consider the issues and prospects of the creation of International Global Monitoring Aerospace System (IGMASS), to solve global issues of contemporary humankind and to guarantee seismic, ecological and geophysical security, preventing global risks and threats of the 21st century and developing forms and methods of education on a global scale.

Organizers:

International Academy of Astronautics (IAA);

Russian Academy of Cosmonautics named after Konstantin E. Tsiolkovsky (RAC);

International Association ZNANIE.

Organizational Committee

Co-Chairs:

Dr. Jean Michel Contant – International Academy of Astronautics (IAA) Secretary General.

Dr. Valery A. Menshikov – Russian Academy of Cosmonautics named after Konstantin E. Tsiolkovsky, Vice President

Dr. Efim M. Malitkov – President of International Association ZNANIE, Chairman of Interstate Committee of CIS on Knowledge Promotion and Adult Education, Executive Secretary

Symposium's Objectives.

The Symposium's Organizing Committee would like to gather experts and representatives of international scientific societies, for open and comprehensive discussion on the topics of global human security, political, economic, social and ecological aspects of space exploration.

In the framework of the agreement between the Russian Academy of Cosmonautics and the International Academy of Astronautics (IAA) supported by its members from USA, France, Germany, Italy, Ukraine, India, China, Tunisia, Nigeria, the symposium will also discuss the themes of the IAA study group established for exploring the IGMASS's creation and its extensive application to the Human society in view of making a cosmic study.

Symposium's Agenda:

1. Space Exploration and Global Problems of Humanity and Modern Age (Section I). Space activities and sustainable development; the role of advanced space technologies, in reducing of the risks and threats as well as disaster management and dramatic consequences of natural phenomena and technogenic events of the Modern Age. Philosophical aspects of cosmonautics: development of the ideas of "cosmism" and cosmic consciousness issues.

2. Foreseeable profile of International Global Monitoring Aerospace System – IGMASS (Section II). Purposes of creation, main tasks, variants of deployment and functioning of the system; principles of IGMASS creation, system management, aerospace monitoring data acquisition, compilation and acceptance; economical aspects of the IGMASS's creation, development and utilization, role of IAA activities in field of IGMASS creation.

3. Global aerospace monitoring methods and techniques (engineering) of natural phenomena, emergency technogenic disasters and catastrophes (Section III). Opportunities for using existing and future orbital, airborne and ground technical facilities, appropriate engineering aerospace monitoring for both forecasting of natural phenomena (earthquakes, tsunamis, volcano eruptions, flooding, billows etc.)

and predicting of emergency situations and technogenic casualties; environmental, ecological monitoring of the Earth's surface and circum-terrestrial space by using Remote Sensing Control technologies; monitoring of local war zones, terror threats and risks, narcotic trafficking and pirates routes.

4. Up-to-date technologies of aerospace monitoring data acquisition and compilation and acceptance (Section IV). Technologies of aerospace monitoring data collecting, computer handling, multi-dimensional interpretation and processing, including "neo geography" methodology.

5. Development of distant learning (tele-education) and impact of using IGMASS' informational resources (Section V). IGMASS and solving global human issues such as illiteracy, freedom of informational exchanges; specialist training in the fields of global aerospace monitoring; development of distant learning (education) international institutions; issues of united educational sphere establishment, based on contemporary information and aerospace technologies.

REGISTRATION

We kindly advise you to check the IAA web: <http://iaaweb.org/content/view/370/520/> and the Symposium Web Site: www.spacesystems.ru.

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PRELIMINARY SYMPOSIUM PROGRAMME

November 2, Monday	
9.00-10.00	Registration of Symposium's delegates
10.00-11.00	Symposium's Inauguration Ceremony with the participation of Honorable Guests
11.00-13.00	Plenary Meeting
13.00-14.00	Lunch Break
14.00-16.00	Plenary Meeting
16.00-16.30	Coffee Break
16.30-18.00	Plenary Meeting
19.00-21.00	Welcome Reception
November 3, Tuesday	
09.00-10.45	Break-out (Technical) Sessions
10.45-11.00	Coffee Break
11.00-13.00	Break-out (Technical) Sessions
13.00-14.00	Lunch Break
14.30-20.00	Guided tour on Cyprus with Dinner
November 4, Wednesday	
09.00-10.45	Break-out (Technical) Sessions
10.45-11.00	Coffee Break
11.00-13.00	Break-out (Technical) Sessions
13.00-14.00	Lunch Break
14.00-15.45	Break-out (Technical) Sessions
15.45-16.00	Coffee Break
16.00-18.00	Conclusion Plenary Meeting (adoption of main Symposium's documents) Spreading of Honourable Awards of IAA and RAC. Gala-concert.
19.00-21.00	Farewell Buffet-cocktail
November 5-7, Thursday-Saturday	
In framework of separate programmes	Visiting of Cyprus Profile Enterprises, meetings, IAA new-elected members presentation, scientific and cultural events, open discussions etc.

Join us in Cyprus!