

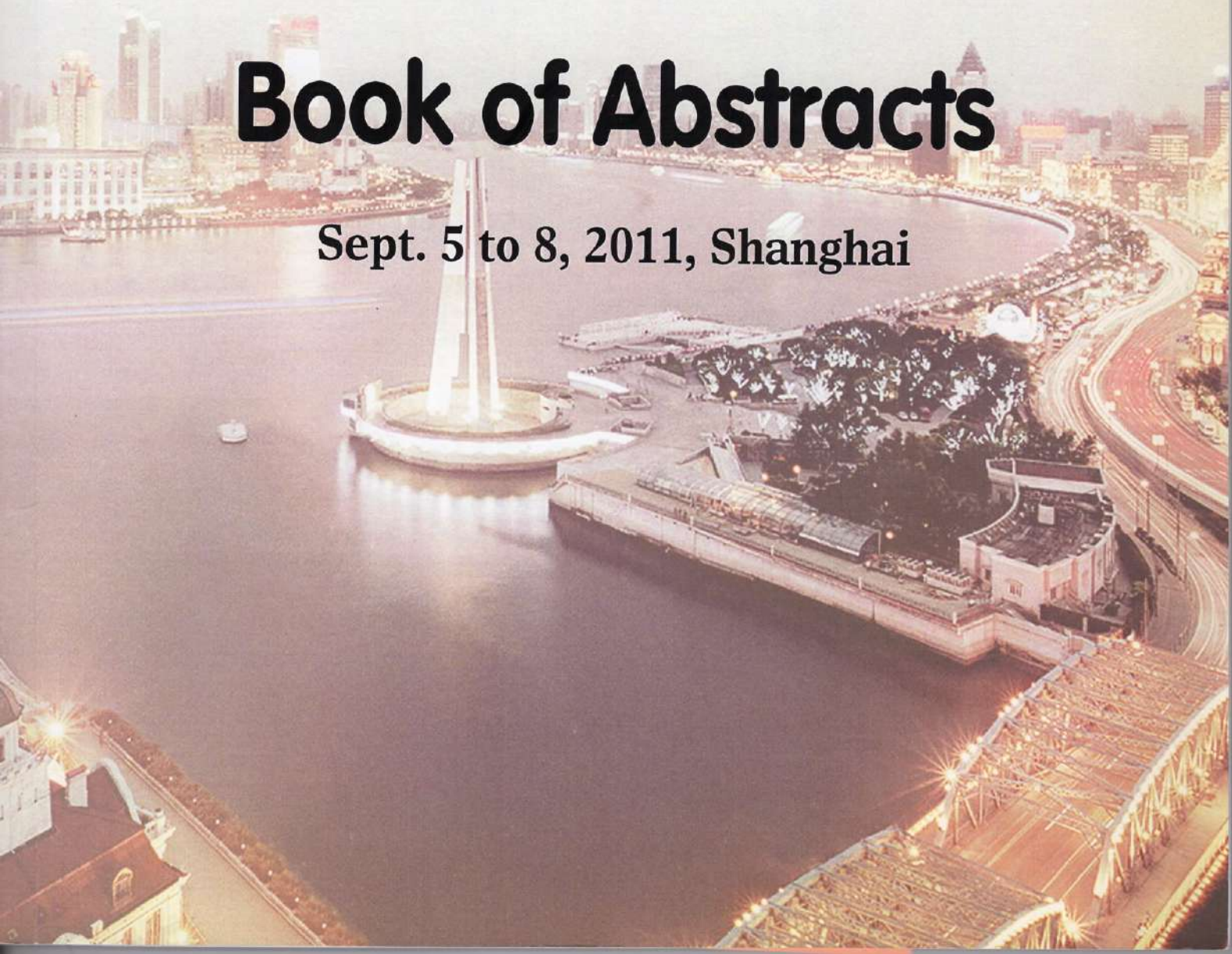


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World University of a new type without language, national and cultural borders

(Satellite Technology for Sustainable Development in a Globalized World)

the speech of

Academician, Professor Efim Mikhailovich Malitkov,

Member of K.E. Tsiolkovsky Russian Academy of Astronautics,

President of International Association "Znanie"

Chairman of Interstate Committee of CIS on Knowledge Promotion and Adult Education

The process of mental change is the most difficult and continuous in human life.

Today, the classroom system of education as transfer of knowledge from person to person, became nonproductive because its performance does not meet the requirements of the processes of global governance.

It is time to liberate our perception from world outlook stereotypes and standard arguments.

As it was noted by (the prominent Russian scientist) V.I.Vernadsky, humankind is an absolutely unique variety of natural resources, having very specific nature of its energy renewing through knowledge!

Today we have a digital abyss of a billion absolutely illiterate people who can not read and write and in addition to this 5-billion civilization that is lagging behind the required modern knowledge.

The reduction of such divide is impossible with the existing classroom system of learning.

The poorest billion of people on Earth lives in those places where Internet either is too expensive (e.g., in Africa), or simply cannot be provided in view of landscape characteristics and inclement climate.

Nowadays billions of people cannot obtain modern education. Billions of people cannot compete, have job, and adequately take part in scientific and technical progress as well as in cultural life. This is why poverty and misery accompany them in life.

They widen the reserves of drug mafia, criminal structures, criminal syndicates and terrorism...

The problems of equality of access to education include the tens of millions of people sitting in prisons, the entire elderly population of the planet, and many other categories of people.

All of them are a heavy burden on the shoulders of the world economy and if they get access to education they may become its positive balance.

Only new system of training can cope with this task. It must have in disposal the latest means of knowledge delivery to the consumer on the basis of modern satellite communications.

The modern professor needs not a 40-seat auditorium, not a class, but a half-million army of listeners.

When the number of illiterate non-competitive people on the Earth will exceed the critical mass, they can bury not only peace, but also the sustainable development of mankind.

Planetary values are constantly changing. Export of knowledge and learning are becoming a serious kind of business and intellectual property becomes the most expensive and profitable form of ownership.

There is our base organization - super-modern educational structure. Thus is Modern University of Humanities⁶ which is also the host university, the largest broadcaster and epy electronic library that exceeds the Library of Congress.

It has its own sole teleport covering by receiving terminals more 400 cities in 14 countries.

2,500 professors provide teaching 68 specialties to 200 thousands of students.

The required audience should be increased a thousand times or more that is impossible in a real classroom.

Modern educational content, talent and technologically adapted to a virtual import and export transportation, to be sent from the university TV stations via satellite teleports to the target request anywhere in the world.

We must keep in mind that if we want to obtain and implement decent work it is necessary to diversify the latest, but not yesterday, knowledge and skills.

Today the worldwide shortage of teachers is 26%. At the same time 45 million teachers are hopelessly behind the current knowledge.

The digital divide becomes a chasm, if a teacher with the most advanced knowledge does not receive a global audience and will not have the global capacity for the needs of a society of free access to knowledge.

We need to use already available to mankind modern technologies of sharing knowledge. Their performance is by many orders higher than the technology transfer of knowledge from person to person.

We need a modern space Distributor - teleport - the World University – which will make this work for Humanity.

Technically, legally, and actually the work of the World University has begun due to efforts International Association "Knowledge" and the CIM Committee. At the same time, the younger generation through the Internet has stepped over the borders of civilized countries.

The innovational changes at the mental level of our consciousness are required.

We need mass education of people with minimum and only originally based on training, and then providing them with learning opportunities for the interests and abilities.

Here, I am representing the oldest nongovernmental organization – International Association “Znanie”, having consultative status with UNIDO, general consultative status with UN ECOSOC and consultative status with the UN Department of Public Information (DPI).

Our organization has been devoting itself to education for about 60 years. 4.5 millions of our members gave more than 25 millions of lectures a year.

During the last 10 years, we accumulated experience and technological strength, mastered new technologies, created largest in the world satellite educational centers in Moscow, regions of Russia, the CIS and a number of other countries, including hard-to-reach, mountain and remote north areas.

Seventeen percent of currently using knowledge is renewing annually. And bankruptcy in profession could come in 5-6 years.

It is necessary today to have talent promoter of the latest achievements of civilization in many different fields of knowledge, creation of productive technologies spread.

Knowledge is an energy medium of civilization that is disseminated among many universities, educational and scientific centers.

We need the joint center of knowledge distribution – the World University. It must become a global scientific capacity battery, the priorities of education must change the priorities of the study.

In this case free space communications are necessary. We need the exchange of knowledge drawn from the content of the best universities and professors of the world, which on request will go anywhere in the world, reducing the synergistic interaction between teacher and student.

The role of education in Sustainable Development of humankind was not appreciated enough and it has not been revised for many years. It is appropriate to quote Harvard University president **Derek Bok**: "If you think education is expensive, try ignorance".

Traditional classroom system of education is based on formula "Education for all life", that was enough in the times when knowledge used to renew once in 30 years. Nowadays, life requires other formulation: "Education through all life".

This should become a priority of state policy, an essential part of laws and constitutions, and then – mental aim of human civilization. Introduction of this formula in all efforts of states is necessary to solve existing problems.