SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1) NEW WORLDS - INNOVATIVE SPACE EDUCATION AND OUTREACH (4)

Author: Dr. Zdravko Andonov

Space Research and Technology Institute - Bulgarian Academy of Sciences, Bulgaria, zda@abv.bg

THE BRAIN NEW STRATEGY FOR INNOVATIVE SPACE SCIENCES EDUCATION ON THE ANTHROPOGENESIS OF MULTIDIMENSIONAL SPACE-TIME PARADIGMS

Abstract

This R&D represents "The Brain New Strategy" for "Innovative Space Sciences Education" on the Anthropogenesis of nD Space-Time (S-T) Paradigms. Why "The Brain New Strategy" is absolutely need for "Discovery of New Worlds" by Young Challengers – New Generation of Advanced Space Scientists – Discoverers and Inventors?!... The following extremely important "Seven Paradigms" by "The Brain New Strategy" are Absolutely Need Know-How for Future Innovative Space Sciences Education Systems and especially for Lecturers:

1. The Strategic Choice & Anthropogenesis of Heuristic Innovative Space Sciences Education System (HISSES)!... – Memorandum of Depth, Breadth & High Level Understanding of the "Bertram R. Forer Experiment & Effect", ignoring totally "Test Education Systems" for Examination... Anthropogenesis and Critical Analysis.

2. The Strategic Choice & Anthropogenesis of Space-Time Thinking Experiments Methodology (STTEM), following and developing Einstein's Thinking Experiment (Gedankenexperiment) Methodology.

3. The Strategic Choice & Anthropogenesis of Top 3 World Problems (T3WP) – Extremely important for Strategic Space-Time Thinking Development (SSTTD)!... Comprehensive analysis of Top 3 World Problems (T3WP): The Problem of Plato (The Main Problem of Sciences); The Problem of Orwell (The Main Problem of Existence); The Problem of Bruno-Galileo (The Main Problem of Strategic Choice (The Main Problem of Optimal Decision)).

4. The Strategic Choice & Anthropogenesis of Top Advanced Image Processing Systems (TAIPS) and Digital Signal Processing Systems (DSPS). Adaptive Innovative Space Sciences Education for Children (AISSEC) - With 3 Main Examples: - 1. Learning& 2. Constructing& 3. Re-Constructing the System Integrated Physical Models of Stars Sky. Developing Brain New 3 Main Adaptive Examples, using PC and Top Advanced Image Processing and Digital Signal Processing Systems.

5. The Strategic Choice & Anthropogenesis of Alternative Paradigms for Physical & Cosmological Constants; Variables and Laws: – I. Paradigms for Physical and Cosmological Fine Structure Constants. II. Paradigms for Physical and Cosmological Fine Structure Variables ("Seven Experiments" of Rupert Sheldrake - The Variability of Fundamental Constants...).

6. The Strategic Choice & Anthropogenesis of Cosmological Theories – Since the 1st Unified Theory of N. S. Kalitzin up to the last Theories of Quantum Cosmology and GUT.

7. The Strategic Choice & Anthropogenesis of Space-Time System for All System. Space Systems Mega-Trends and Mega-Gradients for Advanced Future Sustainable Development of the Earth Civilizations and The Life in Universe.

GENERAL CONCLUSION: The Brain New Strategy for Innovative Space Sciences Education is absolutely need for "Discovery of New Space Worlds" and for successfully "Academy Transformation" of "Global Brain Earth Planetary Civilization" to "Cosmical Brain Civilization".