

SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Education Outreach (3)

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INTERNATIONAL SYSTEM OF REMOTE DESIGN

Abstract

The processes of world globalization, on the one hand, and achievements in collection, search and information transmission, on the other hand, allow switching to joint application of scientific and technical potential gained in different countries. It is known when the USSA had broken down many scientific technical and educational schools turned out to be localized and isolated in the newly formed independent countries such as Georgia, Ukraine, Azerbaijan and Moldavia. The gained experience and knowledge turned out in many respects unwanted. In these conditions the problem of migration limitation of weapon scientists involved earlier in creation of mass destruction weapon (atomic scientists, missile specialists, chemists, etc.) is especially acute. In this case it is needed that the specialists' skills are applied to conversion projects and they should have an opportunity to participate in work without transferring over the world regions. At the same time with advances in science and education, constant information gain requires so that the accumulated scientific potential should be at the necessary level. For this purpose scientists and should constantly participate in specific developments and investigation jointly with their colleague other countries. In recent years remote interaction is actively progressing via global Internet. Ukraine and Azerbaijan specialists are generating new application Internet-Design within STCU Project No 3383 "Ukraine-Caucasus International System for Remote Cooperation". Within the generating common information design space it is expected to extend a method of remote training into the following lines: - design training when in the course of studying real objects are understood, when a student "lives" in specific situations to overcome difficulties during his work at training project, when a student has an insight into phenomena and processes of construction of new objects; - giving elements of universality to studying when a student, regardless of a studying line in the remote training system, acquires practical skills of applying current information technologies and telecommunication in addition; - extension of student's own information space due to knowledge exchange with students from countries.