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СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
КАФЕДРА ІНОЗЕМНИХ МОВ
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР

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SPHEREE- THE FIRST STEP TO THE FUTURE TECHNOLOGIES

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Anyone who has dealt with 3D - image, notice that the flat monitor is not convenient analysis and evaluation of the studied model. Flat picture gives some idea of the object, but you can not see it from any angle without using the scroll function image.

That is why, a completely new device for 3D - modelling, called Spheree was developed. Spherical Display, developed by a group of researchers from Brazil and Canada, gives a picture like a physical objects and makes possible to see the model from any angle and from any side.

Looking at the picture in the spherical display, you might think that it looks like a hologram, but it is not. The principle of this device is placed inside of a layer of several mini projectors. Images created by them cover the entire surface of the display, and the position and movements of the user are tracked by infrared camera.

We can only imagine how wide the scope of display Spheree is. You can simulate not only the things that we used to see in everyday life, but things you never reach with a human eye. For example, a model of the universe, the solar system, planets, planetary bodies, etc.

The user can examine or edit images directly on the device or on the controller or use the screen to display the final result obtained on the desktop.

Undoubtedly, this technique is a confident step in the technology of the future, because it gives us wide opportunities of the new study. The use of 3-D technology will invent a unique product for modelling incredible things.