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Designing human-computer interaction, psychological aspects

The main idea of the presentation is to demonstrate the results of the investigation of personal space that is considered to be specific psychological ontology. The methodology of the research is based on the ideas developed by V. Vernadskiy, who wrote about the uniqueness of the space of every person; N. Bernshteyn N., who was insistent about the specific role of meaningful images in people's lives; A. Leontyev, who considered that meaning is a specific «quasidimension» built on the basis of the spatial dimensions. All of these ideas are developed from the theory of a person's multidimensional space by V. Klochko, Tomsk, Russia. The theory shows that the values and meanings of the person are the special dimensions that expand the person's world. The results of this research can be practically applied to the development of the computer experimental and psycho diagnostic assessment programs.