ABSTRACT

This work concentrates on the changes that the Internet has caused in education since its invention to the present day and predicts possible future development of the Internet use in education. It focuses on the learning needs of people in the information society and the role of adult educators in bridging the digital divide. The work further deals with changes in several cognitive functions, which are directly related to education. Special attention is given to a new theory of networked learning, connectivism, and specific ways of learning on the internet. Personal learning environments, massive open online courses, open educational resources and the concept of school 2.0 are critically viewed. The well-known web applications and tools suitable for use in teaching are briefly introduced.