Abstract: Traditional folk culture forms a significant area for possibilities of creating positive values towards adherence of cultural heritage. A threat of globalisation, development of a consumer society and devaluation of spiritual and cultural values within our society requires original and effective solutions even within the process of primary education. There is no possibility to form and reinforce national awareness of pupils and develop their key competences without any knowledge of a region with its diversity and in a wide spectrum of typical phenomena, without any knowledge of history of the region and its cultural traditions. That is why the education of traditional values of folk culture becomes a part of educational processes. In our paper we mention partial results of the research aimed at implementation of elements of folk culture into processes of education in the primary education in Slovakia. The results showed that religious primary schools implement the elements of folk culture of local region more frequently.

Informatol. 47, 2014., 2-3, 115-120

Abstract: Based on the primary documentary sources of the Croatian State Archives (CSA), the Fonds of the Foreign Ministry of the Independent State of Croatia (ISC) and the Croatian Information Bureau “Croatia”, as well as information found in daily and periodical newspapers printed from late 1944 to May 1945, the author analyzes the content of the ISC press regarding foreign and domestic politics and war issues. Comparing political orders and dictations to newspaper editors with a large number of articles and the actual situation at the European battlefronts of that time, the author concludes that Ustasha propaganda, supported by the Third Reich, significantly influenced the formation of public opinion in the ISC at the end of World War II. From the sources available, it is now obvious that the majority of the ISC population had lost the war but the atmosphere which was deliberately created by the Ustasha authorities in the ISC caused a mass exodus in early May 1945 nevertheless.

Informatol. 47, 2014., 2-3, 100-114

Abstract: Road extraction from high resolution satellite images has been an important research topic for analysis of urban areas. In this paper road extraction based on PCNN and Chan-Vese active contour model are compared. It is difficult and computationally expensive to extract roads from the original image due to presences of other road-like features with straight edges. The image is pre-processed using median filter to reduce the noise. Then road extraction is performed using PCNN and Chan-Vese active contour model. Nonlinear segments are removed using morphological operations. Finally the accuracy for the road extracted images is evaluated based on quality measures.

Informatol. 47, 2014., 2-3, 121-134

Abstract: Implementation of Communication Elements of Folk Culture into Process of Primary Education in Slovakia

Informatol. 47, 2014., 2-3, 135-144
RESULTS: The results showed that laughter yoga has statistically significant effect on the level of blood pressure by volunteers who did not take any medications (N = 41); systolic: 7.73% (p <0.001), diastolic: 5.83% (p <0.001)). In volunteers who took medications (N = 11), we observed a dropout increase in the value, without statistically significant differences (systolic: 2.70% (p = 0.86), diastolic: 1.41% (p = 0.25)). Statistically significant differences (p <0.05) were observed in the average change in enthusiasm, optimism, connectivity, energy levels, mood, muscle relaxation, breathing awareness, the ability to laugh for no reason. The biggest change was measured in the measure of stress after laughter yoga exercise (60%).

Conclusion: From presented results we can conclude that laughter yoga may be an effective adjunctive method for the prevention of high blood pressure in those who did not take any medications. For those who took them, it will be necessary to do further research on a larger number of people and to examine the influence of drugs. By all volunteers we observed a positive and statistically significant changes (p <0.05) in weell-being. Most stood out the stress reduction (60.32%).

Informatol. 47, 2014., 2-3, 145-149

Title: COGNITIVE THEORIES OF LEARNING AS THE BASIS FOR DIDACTIC METAPROGRAMMING

Authors: Wojciech Walat
Affiliation: University of Rzeszow, Poland
Key words: didactic meta-programming, cognitive theory, constructivist theory, hypermedia

Abstract: I have introduced the notion of didactic metaprogramming on account of the need to “go beyond” stuff and formed by the behaviouristic tradition ways of educational programming. In accordance to notional understanding of the prefix meta- which means: beyond, after, above, including, among, according to, indicates sequence or variability of something. It is accepted in informatics that metaprogramming – is a technique which allows a program to create or modify the codes of other programs (or their own) during their operation. Hence a didactic metaprogram is one that includes functions of all student and teacher programs, creating a consistent hypermedia educational space. It is possible thanks to the use of hypermedia.
Human society is faced with crises in virtually all areas of life. Health epidemics, economic - fiscal difficulties of the countries, inefficient political system of administration, the decline of moral standards, environmental issues, lack of vision of energy policy, the growth of crime and violence. On the other hand humanity discovers the hugeness of the Universe, setting an extremely systematic theory of natural laws in physics and developing high technology in all areas of life. Abundance and happy life seems to be at the rich of a hand, but there are obstacles in the way to the progress to become creative, peaceful society living in coexistence of everybody. As each plant through the root receives all necessary for life and growth of the stable, leaves, flowers and fruits, the development of technologies of consciousness reveals the existence of a "root of human society", which enables the development of "society plant" in all its areas of life. In this paper, a survey of scientific studies will be done, which confirms the efficiency of the "Maharishi Technology of Unified field" for curative and preventive problem to eliminate the problems of human society, such as crime, violence, economic problems, etc.

**Informatol. 47, 2014., 2-3, 165-172**

**Abstract:** Being in the spotlight, not only of Central Asia but of the entire Asian continent as well, Kyrgyzstan holds the key to global power's differing interests. Neighboring Kyrgyzstan are great powers with developed markets, democratic processes in public governance, free market relations, and the openness of the country. The whole world is building a global information community, and high-tech and service industries are generating the maximal added value in the global GDP. That is based on knowledge, information, and human resources.

**Key words:** education, higher education, the Bologna process, the educational system.

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**Title:** TECHNOLOGY OF THE UNIFIED FIELD OF CONSCIOUSNESS – POTENTIAL REMEDY FOR SOLVING PROBLEMS OF THE SOCIETY

**Author(s):** Elvira Supataeva

**Category:** Professional Paper

**Key words:** Consciousness, Unified field of all the Laws of Nature, Maharishi technology of the Unified field, Transcendental Meditation

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**Title:** COMMUNICATIVE OUTLINES OF PERSONAL AND EXISTENTIAL PEDAGOGY

**Author(s):** Mirosław Babiarz, Miłosz Mółka

**Affiliation:** Uniwersytet Jana Kochanowskiego w Kielcach, Poland1; Akademia Ignatianum w Krakowie, Poland

**Key words:** personalism, existentialism, education, engagement/involvement, authenticity, dialogue

**Abstract:** The past age was a time of turbulent historical events that often influenced the current, emerging scientific thought. Many scientific disciplines in the world developed spontaneously in that period. On the other hand new world-view ideas were arising (such as existentialism). The educational sciences were also evolving. In Poland, under the influence of marked philosophical currents, there appeared an innovative and clearly humanistic educational concept called personal – existential pedagogy. This article will address the most meaningful assumptions of this concept. Since Fr. Prof. Janusz Tarnowski is considered as the originator of the personal – existential pedagogy, his most important opinions about education will be summed up.