

# *Predslov / Editorial*

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Dear readers,

After a longer period the second issue of our journal has been published. The content deals again with different areas and applications of the Information and Communication Technologies.

Two papers are highly theoretical. The first one – the paper on synthesis of modern control systems describes a new concept of the synthesis of intelligence systems by the dynamic objects. This concept is based on the original functional systems theory and has various practical applications in the intelligent aircraft control systems.

The second one deals with the performance comparison of selected non-deterministic algorithms used for solving the multidimensional knapsack problem.

Two papers present experiments with the intuitive natural user interfaces in the Augmented and Virtual Reality systems. For many years user interfaces have been centered on the WIMP paradigm but now a multi-touch screen and sensors that react to real world actions such as gestures or motion allow the shift in the human-computer interaction paradigm.

Two papers are focused on business information systems.

The first one deals with the measuring efficiency of the private and public companies and organizations. The process of implementation of the Balanced Scorecard (BSC) method for the efficiency of enterprises and public administration institutions is described and analysed.

Rapid development and ongoing market globalization in Slovakia drive the companies constantly to improve their management systems and use the latest information technologies. Management systems have an increasing impact on companies' actions and their decision-making processes. This is the topic of another paper.

Experiences from the development ICT tools for support of the accounting education are evaluated at the paper summarizing results of an international eLearning project in the business schools.

As it was promised in the first issue of our journal we want to concentrate on the selected topics and publish more focused collection of papers. The next issue will be dedicated to the applications of Computer Graphics, Computer Vision and related disciplines. In the near future we are planning to publish special issues on eGovernment, ubiquitous and mobile computing and the technology enhanced learning. Any proposals and suggestions for the future areas of interest are invited.

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**Martin Šperka**

Editor-in-Chief

Faculty of Informatics, Pan European University,

Navádzová 5, SK-82101 Bratislava

[martin.sperka@paneurouni.com](mailto:martin.sperka@paneurouni.com)