

# Selected Papers from the International Scientific Conference INFORMATICS'2011

**Editorial**

Valerie Novitzká\*, Juraj Gierl†, William Steingartner‡

*Department of Computers and Informatics,  
Faculty of Electrical Engineering and Informatics, Technical University of Košice,  
Letná 9, 04200 Košice, Slovakia*

Dear reader,

we present you with this special issue of the Central European Journal of Computer Science devoted to various areas of informatics. Informatics, computers, information technologies and their applications interfuse into different scientific areas, from technical sciences, natural sciences, economical sciences and human sciences through education process up to daily life. Hence the research in this important scientific domain is continually actual and requested needfulness, its results help us to solve important problems, to augment our knowledge and to improve the quality of our life.

The research in informatics embraces wide scale of areas running over the capacity of one journal issue. Our aim is to provide to the readers at least a narrow survey of this scientific area and to apprise them with the newest and interesting research results in selected fields of informatics.

All of the papers are extended and revised versions of the papers presented at the 11th event of the international scientific conference Informatics'2011, which was held in November 2011 in Rožňava, Slovakia and organized by Slovak Society of Applied Cybernetics and Informatics. The papers put in an appearance in this issue were nominated by chairmen for publishing in CEJCS. We completed our survey of informatics presented in this issue with several papers presenting interesting research results to integrate our overview of actual research results in informatics.

We would like to express our thanks to all the authors and reviewers for their professional and responsible work. We are confident that inside this issue you can find relevant papers in the field of your interest.

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\* E-mail: Valerie.Novitzka@tuke.sk

† E-mail: Juraj.Gierl@tuke.sk

‡ E-mail: William.Steingartner@tuke.sk