# Preface

The 12th conference **ITAT'12 Information Technologies – Application and Theory** was held at the hotel Magura located in Monková dolina, near Ždiar, Belianske Tatry, Slovakia in September 17-21th, 2012.

The conference is a traditional place of meetings for Czech and Slovak computer science communities. The emphasis is on exchange of ideas and information as well as on consolidation of bounds between the scientists of these two countries. Large space in the scientific and the social program is devoted to discussions. Conference languages are Slovak and Czech.

All the 25 submitted papers were reviewed by two independent reviewers. The proceedings consists of 8 selected scientific papers and the extended abstract of the invited talk.

The conference was co-organized by
– Institute of Computer Science, P. J. Šafárik University in Košice
– Faculty of Mathematics and Physics, Charles University in Prague
– Institute of Computer Science of Academy of Sciences of the Czech Republic, Prague
– Slovak Society for Artificial Intelligence

I would like to thank to the authors of presented papers, the invited speaker Jiří Kléma and all the reviewers for keeping the good scientific level of ITAT. Special thanks go to the organizing committee led by Peter Gurský for the great job in organization of the conference.

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*Tomáš Horváth*

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