

Preface

The 11th conference **ITAT'11: Information Technology – Applications and Theory** (<http://itat.ics.upjs.sk/>) was held in Hotel Boboty (<http://www.hotelboboty.sk/>) located in Vrátná dolina near Těrchová in Malá Fatra, Slovakia, September 23-27, 2011.

ITAT is a traditional place of meeting for scientists and experts working in computer science from the Czech Republic and Slovakia. The emphasis is on exchange of ideas and information between the participants as well as on informal communication; a big space is devoted to discussions. The conference also offers a possibility for young researchers and students to present their work and to discuss it with more experienced colleagues. The conference languages are Slovak and Czech, proceedings papers are in English.

ITAT is a broad scope conference that ranges from theoretical foundations of computer science, through security and cryptography, through software engineering to data processing, semantic web and to natural language processing.

Each from the 31 submissions was refereed by at least two independent referees. The Proceedings consists of two invited lectures and five original scientific papers.

The conference ITAT'11 was co-organized by the following institutions:

- Institute of Informatics of University of P. J. Šafárik 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.

We would like to thank the invited speakers Karel Oliva and Zdeněk Žabokrtský, the authors of presented papers, all PC members and reviewers for keeping high scientific level of ITAT as well as organizers led by Peter Gurský for organizing the 11th ITAT conference.

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Markéta Lopatková

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Institute of Computer Science, AS CR, Prague, CZ
Faculty of Mathematics and Physics, Charles University in Prague, CZ
Slovak Society for Artificial Intelligence, SK

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