

Znalosti 2011

Selected Papers from the Annual Czech and Slovak Knowledge Technology Conference

The 2011 edition of the Znalosti conference, held in Stará Lesná, Slovakia, on January 31 – February 2, 2011, was already the 10th in the series. While some of the previous editions resulted in special issues of local (though ISI-listed) journals, this time the Steering Committee opted for a post-conference CEUR Volume. The aim of this decision is to provide the paper authors with a generally accessible as well as persistent medium to which they could refer the interested readers.

Znalosti is nowadays probably the most recognised (bi-)national scientific conference in Czech Republic and Slovakia that explicitly addresses the whole range of topics related to acquisition, representation, exploitation and management of knowledge. It attracts around 80–100 researchers and practitioners every year. The languages of the conference are English, Czech and Slovak; of the submitted papers about half is in English and the other half in local languages. Some of the highlight topics of recent editions were knowledge discovery from databases, text and web mining, formal inference methods or social and semantic web applications.

Znalosti 2011 received 48 submissions, of which 21 were accepted (based on 2–3 independent reviews) as full papers, 15 as posters and 3 as short presentations of research projects. Posterior to the conference, a subset of 9 full papers (all presented at the conference) was pre-selected for the CEUR volume by the Conference Chair. The requirements for papers not being published, in the same or similar form, in a conference or journal with exclusive copyright, further eliminated two of the papers. Therefore the present volume contains seven papers (of which three are written in English, three in Czech and one in Slovak).

Complete information about the Znalosti 2011 conference, including the titles of all papers and lists of Programme, Organisation and Steering Committees members, is available from the conference website <http://znalosti.ics.upjs.sk/>.

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