

About IIS2013

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In the period of August, 20-23, 2013, the second edition of the International Conference *Intelligent Information Systems* (IIS-2013) was held at the Institute of Mathematics and Computer Science of Academy of Sciences of Moldova (ASM). It was organized by the Institute of Mathematics and Computer Science (IMCS) with the support of the Information Society Development Institute and partial financial support of Veacheslav Albu, ex-collaborator of the IMCS. This conference was dedicated to the 50-th anniversary of IMCS. Special section in memorium of the founder of researches in the field of artificial intelligence in IMCS, Iuri Pechersky, took place within IIS2013. There were 60 participants from 8 countries at this conference.



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The conference objective was the discussion of a large range of subjects regarding intelligent information systems and the related ones: theoretical computer science, knowledge processing, natural language processing, decision-making, formal computing models, information technologies application in the knowledge based society, decision support systems, mono- and multiagent intelligent systems, images processing, medical diagnostic systems, intelligent business systems, human-centered computing, intelligent interfaces, etc.

There were communications presented at the conference plenary session, which wakened the interest and caused interesting debates: Jozef Gruska, “New vision and future of informatics” (Faculty of Informatics, Masaryk University, Brno, Czech Republic), Gheorghe Păun, “Some open problems about catalytic, numerical, and spiking neural P systems” (Institute of Mathematics of the Romanian Academy), Dan Tufiş, “Wiki-Translator: Multilingual Experiments for In-Domain Translations” (Artificial Intelligence Institute of the Romanian Academy), Milan Tuba, “Swarm Intelligence Algorithms Search Capabilities” (Megatrend University of Belgrade, Serbia).



In the first day a special section for young researchers was organized. At that section 8 reports of young researchers were presented. Topical problems were tackled and also the perspective ones that deal with information society development, new information technologies application, natural language processing, decision support systems, medical diagnostic systems and so on.



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The ex-collaborators, colleagues and disciples of Professor Iuri Pechersky from Moldova and abroad attended the section dedicated to his memory: Ghenadii and Natalia Andrienko (Germany), Constantin Gaidric, Vsevolod Arnaut, Veacheslav Albu, Vladimir Levchenko (Moldova), Serghei Soloviev Anna Yankovskaya, Alexei Averkin, Valery Tarassov, Serghei Ulyanov (Russia) and so on.



Each of them shared his reminiscences about a person who was an outstanding, multilaterally developed and full of energy personality. Also a small gallery was organized with printed books and drawings of Iu. Pechersky, who was a catalyst for many good things in the Institute of Mathematics and Computer Science. One of the disciples of Prof.

Iuri Pechersky, Veacheslav Albu, presented the office, where professor had worked for many years, with a portrait with image of Iu. Pechersky as an acknowledgement and esteem.

As the conference result 40 papers were published and presented as the reports with authors from Republic of Moldova, Romania, Ukraine, Russia, Germany, Czech Republic, Serbia and USA.

At the end of the conference a special committee made up of leading specialists in the respective fields and present at the conference, specified a number of works by diplomas and presents: “The Young Researcher Prize” for the best young researchers’ paper – Mykola Kostikov, “Decomposing morphological rules of polish for adaptive language learning”, National University of Food Technologies, Kyiv, Ukraine; “The Researcher Prize” for the best paper – Verginica Barbu Mititelu, “Increasing the effectiveness of the Romanian Wordnet in NLP applications”, Research Institute for Artificial Intelligence, Romanian Academy; “The Researcher Prize” for the most original presentations – Inga Titchiev, “Workflow Petri nets used in modeling of parallel architectures” (IMCS, Chisinau, Moldova), Victoria Bobicev, “Developing a question answering system” (State University of Moldova, Chisinau, Moldova). Also there were some special prizes, and namely: “The Researcher Prize” awarded to the participant, who overcame the greatest distance to come to the conference (about 5000 kilometres) – Prof. Anna Yankovskaya, Tomsk, Russia.

