

Preface

The sixth Conference for PhD Students in Computer Science (CSCS) was organized by the Department of Computer Science of the University of Szeged (SZTE) and held in Szeged, Hungary from July 2-5, 2008. The members of the Scientific Committee were the following representants of the Hungarian doctoral schools in computer science: András Benczúr (ELTE), Hasszan Charaf (BME), Tibor Csendes (SZTE), János Csirik (SZTE), József Dombi (SZTE), Zoltán Ésik (SZTE), Zoltán Fülöp (SZTE), Ferenc Gécseg (Chair, SZTE), Tibor Gyimóthy (SZTE), Zoltán Horváth (ELTE), Zoltán Kató (SZTE), Zoltán Kása (Sapientia EMTE), János Kormos (DE), László Kozma (ELTE), Eörs Máté (SZTE), Attila Pethő (DE), András Recski (BME), Endre Selényi (BME), and Tamás Szirányi (SZTAKI). The members of the Organizing Committee were Balázs Bánhelyi, Tamás Gergely, István Matijevics, and Kálmán Palágyi (chair).

There were more than 60 participants and 39 talks in several fields of computer science and its applications. Beyond the Hungarian PhD schools in computer science, 5 other European countries were represented. The talks were going in sections in artificial intelligence, automata and formal languages, computer networks, database theory, discrete mathematics, fuzzy decision support systems, information systems, optimization, image processing, and software engineering. The talks of the students were completed by four plenary talks of leading scientists: Tamás Horváth (Univ. Bonn and Fraunhofer IAIS), Gábor Ivanyos (Computer and Automation Research Institute, Hungarian Academy of Sciences), Márk Jelasity (Univ. Szeged), and Zora Konjovic (Univ. Novi Sad).

Three scientific journals, viz. *Periodica Polytechnica* (Budapest), *Publicationes Mathematicae* (Debrecen) and *Acta Cybernetica* (Szeged) offered students to publish the paper version of their presentations after a selection and review process. Altogether 20 manuscripts were submitted for publication. The present special issue of *Acta Cybernetica* contains 8 such papers.

The full program of the conference, the collection of the abstracts and further information can be found at <http://www.inf.u-szeged.hu/~cscs>.

On the basis of our repeated positive experiences, the conference will be organized in the future, too, hopefully with more foreign participants. According to the present plans, the next meeting will be held in July 2010 in Szeged.

Kálmán Palágyi
Guest Editor